

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020032.D
 Acq On : 19 Apr 2024 17:33
 Operator : MA/JU
 Sample : SSTD02090
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020611

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

04/22/2024
 Supervised By :mohammad
 ahmed

Quant Time: Apr 20 00:41:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	92905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	384799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	258684	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	543121	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	549654	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	595828	20.000	ng/u1	0.00

04/22/2024

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	18526	8.692	ng/uL	0.00
4) Pyridine-d5	3.634	84	135257	20.956	ng/u1	0.00
7) Phenol-d5	6.822	99	163752	20.741	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	117244	22.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	115989	20.622	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	126713	20.735	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	59573	20.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	61864	19.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	127194	21.075	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	165749	21.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	378278	20.797	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	446739	21.011	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	56830	20.041	ng/u1	0.00
60) Fluorene-d10	15.340	176	331559	21.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	63030	19.421	ng/u1	0.00
73) Anthracene-d10	17.263	188	525951	21.656	ng/u1	0.00
81) Pyrene-d10	19.663	212	621855	19.431	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.810	264	612526	21.238	ng/u1	0.00

Target Compounds	Qvalue					
2) 1,4-Dioxane	3.264	88	21740	8.772	ng/uL	100
5) Pyridine	3.652	79	143427	21.594	ng/u1	100
6) Benzaldehyde	6.811	77	118732	29.205	ng/u1	100
8) Phenol	6.846	94	174432	21.043	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.081	93	145015	21.502	ng/u1	100
12) 2-Chlorophenol	7.205	128	122584	20.669	ng/u1	100
13) 2-Methylphenol	8.081	108	128370	21.405	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	213382	22.701	ng/u1	100
16) Acetophenone	8.463	105	220711	22.078	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.446	70	130457	23.002	ng/u1	100
18) 4-Methylphenol	8.405	108	137330	21.297	ng/u1	100
19) Hexachloroethane	8.693	117	59985	21.548	ng/u1	100
22) Nitrobenzene	8.840	77	191524	22.347	ng/u1	100
23) Isophorone	9.357	82	353680	22.186	ng/u1	100
25) 2-Nitrophenol	9.540	139	67640	19.944	ng/u1	100
26) 2,4-Dimethylphenol	9.599	107	161983	21.354	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.840	93	199404	21.580	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	124555	21.019	ng/u1	100
30) Naphthalene	10.457	128	419351	21.132	ng/u1	100
32) 4-Chloroaniline	10.593	127	164583	21.175	ng/u1	100
33) Hexachlorobutadiene	10.728	225	100712	21.451	ng/u1	100
34) Caprolactam	11.399	113	38184m	20.618	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	145571	21.862	ng/u1	100
36) 2-Methylnaphthalene	12.087	142	288556	21.609	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020032.D
 Acq On : 19 Apr 2024 17:33
 Operator : MA/JU
 Sample : SSTD02090
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020611

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

04/22/2024
 Supervised By :mohammad
 ahmed

Quant Time: Apr 20 00:41:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	283734	21.400	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	173337	20.429	ng/ul	100
40) Hexachlorocyclopentadiene	12.422	237	89229	18.517	ng/ul	100
41) 2,4,6-Trichlorophenol	12.722	196	106530	20.387	ng/ul	100
42) 2,4,5-Trichlorophenol	12.798	196	109334	20.382	ng/ul	100
43) 1,1'-Biphenyl	13.128	154	382885	20.560	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	312114	20.662	ng/ul	100
45) 2-Nitroaniline	13.398	65	103435	21.640	ng/ul	100
47) Dimethylphthalate	13.781	163	387976	21.119	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	76144	20.504	ng/ul	100
50) Acenaphthylene	14.034	152	494695	20.892	ng/ul	100
51) 3-Nitroaniline	14.251	138	73365	21.519	ng/ul	100
52) Acenaphthene	14.381	153	322907	20.578	ng/ul	100
53) 2,4-Dinitrophenol	14.475	184	39718	18.696	ng/ul	100
55) 4-Nitrophenol	14.575	109	63947	23.436	ng/ul	100
56) Dibenzofuran	14.728	168	452616	21.107	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	107029	21.077	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.963	232	97666	20.956	ng/ul	100
59) Diethylphthalate	15.181	149	402938	21.925	ng/ul	100
61) Fluorene	15.398	166	381633	21.707	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	206183	21.774	ng/ul	100
63) 4-Nitroaniline	15.451	138	67208	22.858	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.504	198	66869	19.443	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	315329	20.925	ng/ul	100
68) 4-Bromophenyl-phenylether	16.322	248	124081	20.891	ng/ul	100
69) Hexachlorobenzene	16.428	284	133535	20.383	ng/ul	100
70) Atrazine	16.628	200	118281	20.589	ng/ul	100
71) Pentachlorophenol	16.798	266	79349	20.411	ng/ul	100
72) Phenanthrene	17.198	178	596632	21.144	ng/ul	100
74) Anthracene	17.298	178	620941	21.526	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	172012	19.547	ng/ul	100
76) Pentachlorobenzene	14.640	250	162843	19.909	ng/ul	100
77) Carbazole	17.598	167	538204	21.842	ng/ul	100
78) Di-n-butylphthalate	18.192	149	671697	22.045	ng/ul	100
80) Fluoranthene	19.316	202	730801	19.383	ng/ul	100
82) Pyrene	19.692	202	749766	19.238	ng/ul	100
83) Butylbenzylphthalate	20.675	149	299310	19.205	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.569	252	261337	22.382	ng/ul	100
85) Benzo(a)anthracene	21.633	228	794015	20.807	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	464790	20.202	ng/ul	100
87) Chrysene	21.710	228	754717	21.144	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	776992	20.726	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	763933	21.622	ng/ul	100
91) Benzo(k)fluoranthene	24.045	252	767995	21.379	ng/ul	100
93) Benzo(a)pyrene	24.886	252	739607	21.605	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.904	276	850905m	20.116	ng/ul	
95) Dibenzo(a,h)anthracene	28.998	278	674319	19.685	ng/ul	100
96) Benzo(g,h,i)perylene	30.098	276	677001	19.847	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

