

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020034.D
 Acq On : 19 Apr 2024 19:00
 Operator : MA/JU
 Sample : SSTD08092
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080613

Quant Time: Apr 20 01:20:10 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

04/22/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	112177	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	508950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	344604	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	621992	20.000	ng/u1	0.01
79) Chrysene-d12	21.669	240	508262	20.000	ng/u1	0.01
88) Perylene-d12	25.057	264	567186	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	81063	31.499	ng/uL	0.00
4) Pyridine-d5	3.628	84	666674	85.546	ng/u1	0.00
7) Phenol-d5	6.822	99	838002	87.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	559184	88.472	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	571816	84.200	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	669021	90.669	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	312988	80.527	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	356092	83.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	668791	83.783	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	862770	82.727	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1880860	77.624	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	2246213	79.303	ng/u1	0.01
54) 4-Nitrophenol-d4	14.569	143	290540	76.911	ng/u1	0.01
60) Fluorene-d10	15.346	176	1609950	77.778	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	316957	85.277	ng/u1	0.01
73) Anthracene-d10	17.269	188	2222518	79.909	ng/u1	0.00
81) Pyrene-d10	19.675	212	2274428	76.858	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.827	264	2292659	83.508	ng/u1	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.264	88	92157	30.798	ng/uL	99
5) Pyridine	3.646	79	683249	85.197	ng/u1	99
6) Benzaldehyde	6.805	77	444579	90.567	ng/u1	98
8) Phenol	6.852	94	881362	88.059	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.087	93	692010	84.978	ng/u1	97
12) 2-Chlorophenol	7.211	128	592139	82.690	ng/u1	97
13) 2-Methylphenol	8.081	108	653326	90.221	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.158	45	1014576	89.393	ng/u1	98
16) Acetophenone	8.469	105	1125327	93.227	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.464	70	672064	98.141	ng/u1	98
18) 4-Methylphenol	8.416	108	710598	91.268	ng/u1	99
19) Hexachloroethane	8.693	117	278926	82.983	ng/u1	99
22) Nitrobenzene	8.846	77	991219	87.443	ng/u1	99
23) Isophorone	9.375	82	1849965	87.738	ng/u1	99
25) 2-Nitrophenol	9.546	139	371375	82.790	ng/u1	98
26) 2,4-Dimethylphenol	9.605	107	825069	82.237	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	1017979	83.296	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	645144	82.314	ng/u1	98
30) Naphthalene	10.469	128	2064061	78.641	ng/u1	100
32) 4-Chloroaniline	10.593	127	847562	82.445	ng/u1	100
33) Hexachlorobutadiene	10.728	225	488961	78.742	ng/u1	99
34) Caprolactam	11.422	113	203274m	82.985	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	799261	90.753	ng/u1	98
36) 2-Methylnaphthalene	12.093	142	1457825	82.541	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	1464000	83.482	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	912943	80.770	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	563067	87.715	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	576841	82.867	ng/ul	98
42) 2,4,5-Trichlorophenol	12.799	196	602497	84.315	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	1981036	79.856	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	1537786	76.419	ng/ul	98
45) 2-Nitroaniline	13.399	65	568674	89.310	ng/ul	98
47) Dimethylphthalate	13.787	163	1893540	77.372	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	400114	80.880	ng/ul	100
50) Acenaphthylene	14.040	152	2517940	79.825	ng/ul	99
51) 3-Nitroaniline	14.251	138	337027	74.206	ng/ul	99
52) Acenaphthene	14.387	153	1642298	78.566	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	237184	83.808	ng/ul	95
55) 4-Nitrophenol	14.581	109	326773	89.900	ng/ul	96
56) Dibenzofuran	14.740	168	2220208	77.723	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	529569	78.286	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.969	232	500619	80.633	ng/ul	99
59) Diethylphthalate	15.198	149	1875126	76.591	ng/ul	98
61) Fluorene	15.410	166	1836831	78.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	1025281	81.279	ng/ul	98
63) 4-Nitroaniline	15.463	138	279220	71.288	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	328937	83.517	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	1481364	85.837	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	603524	88.728	ng/ul	97
69) Hexachlorobenzene	16.440	284	642145	85.590	ng/ul	97
70) Atrazine	16.640	200	496101	75.406	ng/ul	99
71) Pentachlorophenol	16.804	266	379166	85.167	ng/ul	100
72) Phenanthrene	17.210	178	2582632	79.921	ng/ul	100
74) Anthracene	17.310	178	2601087	78.736	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	902067	89.511	ng/ul	95
76) Pentachlorobenzene	14.646	250	840457	89.723	ng/ul	99
77) Carbazole	17.604	167	2081324	73.755	ng/ul	100
78) Di-n-butylphthalate	18.204	149	2590899	74.250	ng/ul	99
80) Fluoranthene	19.322	202	2691970	77.213	ng/ul	99
82) Pyrene	19.710	202	2726770	75.664	ng/ul	97
83) Butylbenzylphthalate	20.681	149	1074314	74.546	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.575	252	904692	83.793	ng/ul	99
85) Benzo(a)anthracene	21.645	228	2836955	80.395	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	1616441	75.978	ng/ul	99
87) Chrysene	21.716	228	2643942	80.103	ng/ul	100
89) Di-n-octyl phthalate	22.904	149	2798341	78.415	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	2827305	84.064	ng/ul	99
91) Benzo(k)fluoranthene	24.063	252	2814562	82.305	ng/ul	99
93) Benzo(a)pyrene	24.910	252	2683598	82.349	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	3149499m	78.217	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	2595378	79.593	ng/ul	100
96) Benzo(g,h,i)perylene	30.115	276	2532380m	77.987	ng/ul	

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

