

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021479.D
 Acq On : 09 Aug 2024 21:56
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020739

Quant Time: Aug 09 23:23:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	243113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	984504	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	619988	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	1199936	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1218816	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	1524493	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	41443	7.757	ng/uL	0.00
4) Pyridine-d5	3.575	84	247618	16.010	ng/u1	0.00
7) Phenol-d5	6.828	99	364653	18.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	235611	19.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	307086	18.805	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	295939	17.977	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	151476	19.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	150590	17.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	279182	17.641	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	394217	18.803	ng/u1	0.01
46) Dimethylphthalate-d6	13.663	166	889874	19.744	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	984388	19.452	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	164069m	25.586	ng/u1	0.00
60) Fluorene-d10	15.257	176	780810	21.117	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	146175	20.134	ng/u1	0.01
73) Anthracene-d10	17.169	188	1081609	20.295	ng/u1	0.00
81) Pyrene-d10	19.557	212	1289044	17.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	1467233	19.514	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.187	88	44723	7.611	ng/uL	97
5) Pyridine	3.593	79	264862	16.603	ng/u1	95
6) Benzaldehyde	6.793	77	246263	24.645	ng/u1	97
8) Phenol	6.858	94	378020	18.848	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.052	93	313123	18.899	ng/u1	95
12) 2-Chlorophenol	7.187	128	312366	19.085	ng/u1	97
13) 2-Methylphenol	8.075	108	293565	18.926	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	480477	20.073	ng/u1#	94
16) Acetophenone	8.440	105	490756	19.316	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.410	70	248457	18.664	ng/u1	98
18) 4-Methylphenol	8.422	108	308166	18.545	ng/u1	97
19) Hexachloroethane	8.640	117	134953	18.349	ng/u1	98
22) Nitrobenzene	8.810	77	373717	20.402	ng/u1	96
23) Isophorone	9.322	82	637894	17.517	ng/u1	99
25) 2-Nitrophenol	9.522	139	151037	16.547	ng/u1	97
26) 2,4-Dimethylphenol	9.581	107	290825	16.157	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	396707	17.922	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	272467	17.469	ng/u1	98
30) Naphthalene	10.416	128	1027675	19.845	ng/u1	99
32) 4-Chloroaniline	10.575	127	403241	20.142	ng/u1	98
33) Hexachlorobutadiene	10.669	225	220145	18.824	ng/u1	99
34) Caprolactam	11.428	113	93746m	19.511	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	335571	19.793	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	697171	19.612	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	726160	19.862	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	410613	20.393	ng/ul	98
40) Hexachlorocyclopentadiene	12.357	237	278310	26.423	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	245308m	19.281	ng/ul	
42) 2,4,5-Trichlorophenol	12.798	196	250427	18.604	ng/ul	96
43) 1,1'-Biphenyl	13.057	154	929441	20.513	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	749484	20.720	ng/ul	99
45) 2-Nitroaniline	13.369	65	223311	22.325	ng/ul	96
47) Dimethylphthalate	13.710	163	897601	19.628	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	181085	19.806	ng/ul	98
50) Acenaphthylene	13.963	152	1111514	19.399	ng/ul	100
51) 3-Nitroaniline	14.228	138	172633m	21.698	ng/ul	
52) Acenaphthene	14.310	153	759154	19.962	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	108298	22.555	ng/ul	92
55) 4-Nitrophenol	14.592	109	95652	18.337	ng/ul	98
56) Dibenzofuran	14.663	168	1093293	20.993	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	284028	22.630	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	231135	20.052	ng/ul	99
59) Diethylphthalate	15.092	149	957025	20.940	ng/ul	99
61) Fluorene	15.316	166	898557	21.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	468358	20.310	ng/ul	99
63) 4-Nitroaniline	15.428	138	171330	26.004	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	157831	20.499	ng/ul#	94
67) N-Nitrosodiphenylamine	15.539	169	750420	21.476	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	300950	21.398	ng/ul	99
69) Hexachlorobenzene	16.339	284	359104	22.268	ng/ul	99
70) Atrazine	16.534	200	286268	22.479	ng/ul	100
71) Pentachlorophenol	16.728	266	177480	20.263	ng/ul	96
72) Phenanthrene	17.110	178	1232548	19.801	ng/ul	99
74) Anthracene	17.204	178	1251733	19.725	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	398662	20.758	ng/uL	99
76) Pentachlorobenzene	14.569	250	401973	21.063	ng/uL	100
77) Carbazole	17.522	167	1070341	20.633	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1353628	18.913	ng/ul	100
80) Fluoranthene	19.216	202	1522089	16.726	ng/ul	97
82) Pyrene	19.592	202	1563254	16.882	ng/ul	98
83) Butylbenzylphthalate	20.516	149	613167	15.893	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	498552	17.901	ng/ul	99
85) Benzo(a)anthracene	21.486	228	1625918	19.044	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	877883	15.811	ng/ul	99
87) Chrysene	21.551	228	1559511	19.657	ng/ul	99
89) Di-n-octyl phthalate	22.621	149	1508527	14.979	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1787220	19.318	ng/ul	99
91) Benzo(k)fluoranthene	23.815	252	1868135	20.234	ng/ul	99
93) Benzo(a)pyrene	24.639	252	1704124	19.493	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.521	276	2070396	18.378	ng/ul	98
95) Dibenzo(a,h)anthracene	28.574	278	1737401m	18.624	ng/ul	
96) Benzo(g,h,i)perylene	29.715	276	1682123m	18.334	ng/ul	

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

