

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021463.D
 Acq On : 09 Aug 2024 03:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020737

Quant Time: Aug 09 09:51:48 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 :Jagrut Upadhyay 08/09/2024
 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	218306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	738617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	595274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1278107	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	1276726	20.000	ng/ul	0.00
88) Perylene-d12	24.798	264	1468451	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	37005	7.714	ng/uL	0.00
4) Pyridine-d5	3.570	84	236093	16.999	ng/ul	-0.01
7) Phenol-d5	6.828	99	332679	18.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	208164	19.300	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	281755	19.214	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	266085	18.001	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	134244	23.400	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	137854	20.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	226301	19.060	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	307436	19.545	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	863231	19.948	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	950524	19.562	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	135615	22.027	ng/ul	0.01
60) Fluorene-d10	15.263	176	719285	20.261	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	139339	18.018	ng/ul	0.02
73) Anthracene-d10	17.169	188	1141255	20.104	ng/ul	0.00
81) Pyrene-d10	19.557	212	1369777	17.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.563	264	1425399	19.681	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	41797	7.922	ng/uL	97
5) Pyridine	3.587	79	235275	16.424	ng/ul	92
6) Benzaldehyde	6.793	77	221113	24.643	ng/ul	97
8) Phenol	6.864	94	348559	19.354	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.046	93	283671	19.067	ng/ul	97
12) 2-Chlorophenol	7.187	128	276507	18.814	ng/ul	95
13) 2-Methylphenol	8.075	108	266929	19.165	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	433385	20.163	ng/ul	96
16) Acetophenone	8.434	105	451392	19.785	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.405	70	225951	18.902	ng/ul	98
18) 4-Methylphenol	8.411	108	281178	18.844	ng/ul	94
19) Hexachloroethane	8.640	117	123262	18.663	ng/ul	98
22) Nitrobenzene	8.811	77	339851	24.730	ng/ul	98
23) Isophorone	9.328	82	586627	21.472	ng/ul	99
25) 2-Nitrophenol	9.516	139	135895	19.844	ng/ul	97
26) 2,4-Dimethylphenol	9.581	107	254133	18.819	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.799	93	299271	18.021	ng/ul	100
29) 2,4-Dichlorophenol	10.081	162	218184	18.646	ng/ul	100
30) Naphthalene	10.416	128	754480	19.419	ng/ul	100
32) 4-Chloroaniline	10.569	127	290807	19.361	ng/ul	97
33) Hexachlorobutadiene	10.663	225	173690	19.796	ng/ul	98
34) Caprolactam	11.410	113	70542m	19.569	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	249733	19.634	ng/ul	97
36) 2-Methylnaphthalene	12.046	142	522389	19.588	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	545348	19.882	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	326408	16.884	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	190717	18.859	ng/ul	97
41) 2,4,6-Trichlorophenol	12.699	196	194752	15.943	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	211071	16.331	ng/ul	100
43) 1,1'-Biphenyl	13.075	154	719388	16.536	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	589221	16.966	ng/ul	99
45) 2-Nitroaniline	13.369	65	204794	21.323	ng/ul	91
47) Dimethylphthalate	13.704	163	871041	19.838	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	175650	20.009	ng/ul	96
50) Acenaphthylene	13.969	152	1080801	19.646	ng/ul	100
51) 3-Nitroaniline	14.228	138	165479	21.662	ng/ul	96
52) Acenaphthene	14.316	153	717980	19.663	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	100562	21.814	ng/ul	96
55) 4-Nitrophenol	14.604	109	124382	24.835	ng/ul	99
56) Dibenzofuran	14.663	168	1011667	20.232	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	263201	21.842	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	213900	19.327	ng/ul#	95
59) Diethylphthalate	15.098	149	878808	20.027	ng/ul	100
61) Fluorene	15.322	166	819964	20.095	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	424499	19.172	ng/ul	99
63) 4-Nitroaniline	15.428	138	157873	24.956	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.475	198	148378	18.093	ng/ul	94
67) N-Nitrosodiphenylamine	15.546	169	693654	18.637	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	274215	18.304	ng/ul	97
69) Hexachlorobenzene	16.345	284	320983	18.687	ng/ul	99
70) Atrazine	16.545	200	269794	19.890	ng/ul	98
71) Pentachlorophenol	16.740	266	152686	16.366	ng/ul	99
72) Phenanthrene	17.110	178	1331447	20.081	ng/ul	99
74) Anthracene	17.210	178	1354940	20.045	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	327843	16.026	ng/uL	99
76) Pentachlorobenzene	14.581	250	373453	18.372	ng/uL	100
77) Carbazole	17.516	167	1177506	21.310	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1491257	19.562	ng/ul	99
80) Fluoranthene	19.210	202	1624764	17.045	ng/ul	98
82) Pyrene	19.592	202	1682730	17.348	ng/ul	99
83) Butylbenzylphthalate	20.528	149	681099	16.853	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.428	252	550517	18.870	ng/ul	99
85) Benzo(a)anthracene	21.492	228	1717817	19.207	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	971468	16.703	ng/ul	100
87) Chrysene	21.557	228	1630108	19.615	ng/ul	100
89) Di-n-octyl phthalate	22.622	149	1667779	17.192	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1705599	19.140	ng/ul	98
91) Benzo(k)fluoranthene	23.816	252	1763773	19.833	ng/ul	100
93) Benzo(a)pyrene	24.639	252	1626829	19.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	1912548	17.625	ng/ul	99
95) Dibenzo(a,h)anthracene	28.574	278	1615521	17.979	ng/ul	99
96) Benzo(g,h,i)perylene	29.704	276	1643208m	18.594	ng/ul	

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

