

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022284.D
 Acq On : 09 Oct 2024 10:53
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020793

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 12:25:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	112533	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	406897	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	290260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	672348	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	738466	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	944445	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	21290	7.352	ng/uL	0.00
4) Pyridine-d5	3.634	84	146143	18.383	ng/u1	0.00
7) Phenol-d5	6.893	99	182429	19.258	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	106934	19.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	137049	20.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	140506	18.586	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	63673	20.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	74997	20.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	156642	20.347	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	170810	18.777	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	431215	18.698	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	495038	20.210	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	73902	19.102	ng/u1	0.01
60) Fluorene-d10	15.322	176	385413	19.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	77955	17.629	ng/u1	-0.01
73) Anthracene-d10	17.210	188	653521	20.662	ng/u1	0.00
81) Pyrene-d10	19.586	212	814139	20.848	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	958375	19.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	22566	7.247	ng/uL	95
5) Pyridine	3.658	79	151909	18.636	ng/u1	96
6) Benzaldehyde	6.858	77	111695	21.819	ng/u1	96
8) Phenol	6.916	94	183099	18.578	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.134	93	143393	19.441	ng/u1	97
12) 2-Chlorophenol	7.275	128	136652	19.661	ng/u1	95
13) 2-Methylphenol	8.146	108	134501	18.805	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	159756	18.636	ng/u1	95
16) Acetophenone	8.510	105	222850	17.856	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.493	70	112340	17.767	ng/u1	95
18) 4-Methylphenol	8.463	108	142084	17.907	ng/u1	99
19) Hexachloroethane	8.763	117	64758	20.005	ng/u1	98
22) Nitrobenzene	8.881	77	178244	19.086	ng/u1	95
23) Isophorone	9.404	82	316300	18.890	ng/u1	98
25) 2-Nitrophenol	9.587	139	79080	20.258	ng/u1	94
26) 2,4-Dimethylphenol	9.646	107	166901	19.670	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.875	93	188149	19.790	ng/u1	97
29) 2,4-Dichlorophenol	10.122	162	148068	19.531	ng/u1	100
30) Naphthalene	10.510	128	429952	19.839	ng/u1	99
32) 4-Chloroaniline	10.616	127	167075	18.606	ng/u1	98
33) Hexachlorobutadiene	10.793	225	126531	19.803	ng/u1	99
34) Caprolactam	11.398	113	41401m	16.939	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	155324	18.778	ng/u1	96
36) 2-Methylnaphthalene	12.116	142	299578	18.831	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	308296	18.987	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.487	216	220141	20.511	ng/ul	96
40) Hexachlorocyclopentadiene	12.469	237	108449	16.585	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	136130	20.164	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	143977	20.029	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	424167	20.274	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	346786	20.248	ng/ul	99
45) 2-Nitroaniline	13.387	65	95292	18.634	ng/ul	93
47) Dimethylphthalate	13.763	163	433409	18.860	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	88040	20.255	ng/ul	97
50) Acenaphthylene	14.028	152	534509	21.026	ng/ul	99
51) 3-Nitroaniline	14.222	138	83401	20.429	ng/ul	98
52) Acenaphthene	14.375	153	354159	19.702	ng/ul	100
53) 2,4-Dinitrophenol	14.428	184	46087	14.411	ng/ul	96
55) 4-Nitrophenol	14.551	109	74393	17.325	ng/ul	96
56) Dibenzofuran	14.710	168	526610	19.502	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	130375	19.303	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.951	232	132089	19.687	ng/ul	98
59) Diethylphthalate	15.151	149	412257	18.699	ng/ul	99
61) Fluorene	15.369	166	427883	19.448	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	240115	19.084	ng/ul	99
63) 4-Nitroaniline	15.387	138	89185	21.710	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	82331	17.286	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	362309	20.123	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	160645	19.813	ng/ul	97
69) Hexachlorobenzene	16.398	284	201802	20.220	ng/ul	98
70) Atrazine	16.569	200	135945	18.164	ng/ul	95
71) Pentachlorophenol	16.751	266	126251	19.674	ng/ul	96
72) Phenanthrene	17.145	178	717567	19.948	ng/ul	100
74) Anthracene	17.245	178	731883	20.388	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	214166	20.920	ng/uL	98
76) Pentachlorobenzene	14.640	250	225508	19.926	ng/uL	99
77) Carbazole	17.522	167	649783	20.457	ng/ul	99
78) Di-n-butylphthalate	18.116	149	700100	19.920	ng/ul	99
80) Fluoranthene	19.239	202	951006	21.183	ng/ul	99
82) Pyrene	19.622	202	992238	20.621	ng/ul	99
83) Butylbenzylphthalate	20.574	149	348384	20.796	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	357895	20.331	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1046977	20.224	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	476442	19.813	ng/ul	100
87) Chrysene	21.598	228	965276	20.109	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	877772	19.539	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1144486	19.251	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1128909	19.396	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1097869	20.065	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.556	276	1449036	19.846	ng/ul	98
95) Dibenzo(a,h)anthracene	28.621	278	1197490	20.254	ng/ul	99
96) Benzo(g,h,i)perylene	29.703	276	1162164	20.464	ng/ul	99

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

