

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP021999.D
 Acq On : 24 Sep 2024 17:39
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020767

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 24 18:38:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	122113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	475308	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	376558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	921035	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1071211	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1269400	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	24705	7.925	ng/uL	0.00
4) Pyridine-d5	3.634	84	172689	19.379	ng/u1	0.00
7) Phenol-d5	6.887	99	190978	19.119	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	120670	19.619	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	144948	20.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	150813	19.053	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	69331	19.489	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	78061	19.352	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	165785	18.926	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	195093	18.666	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	557102	19.139	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	583877	18.946	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	90241	18.124	ng/u1	-0.02
60) Fluorene-d10	15.322	176	476949	18.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	103419	18.086	ng/u1	0.00
73) Anthracene-d10	17.216	188	808185	18.796	ng/u1	0.00
81) Pyrene-d10	19.598	212	1067441	19.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1252637	18.762	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	24917	7.378	ng/uL	94
5) Pyridine	3.652	79	178638	19.731	ng/u1	98
6) Benzaldehyde	6.863	77	131845	23.333	ng/u1	96
8) Phenol	6.916	94	197650	18.960	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.140	93	157238	19.707	ng/u1	98
12) 2-Chlorophenol	7.281	128	149283	19.925	ng/u1	98
13) 2-Methylphenol	8.140	108	143425	18.971	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	147120	19.877	ng/u1	98
16) Acetophenone	8.516	105	255604	19.414	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	134753	19.742	ng/u1	99
18) 4-Methylphenol	8.469	108	158790	19.260	ng/u1	96
19) Hexachloroethane	8.775	117	69801	19.736	ng/u1	95
22) Nitrobenzene	8.887	77	208327	19.154	ng/u1	99
23) Isophorone	9.416	82	365866	19.420	ng/u1	98
25) 2-Nitrophenol	9.593	139	85439	19.796	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	188213	19.250	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.887	93	211862	19.509	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	169638	19.492	ng/u1	99
30) Naphthalene	10.516	128	476412	19.049	ng/u1	99
32) 4-Chloroaniline	10.628	127	192130	18.561	ng/u1	98
33) Hexachlorobutadiene	10.804	225	144814	18.742	ng/u1	97
34) Caprolactam	11.393	113	48697	18.446	ng/u1	92
35) 4-Chloro-3-methylphenol	11.751	107	179025	19.014	ng/u1	95
36) 2-Methylnaphthalene	12.122	142	349168	18.787	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	352029	18.780	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	260607	18.667	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	159821	18.199	ng/ul	96
41) 2,4,6-Trichlorophenol	12.734	196	157844	18.912	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	173180	19.162	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	496565	18.441	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	406922	18.769	ng/ul	99
45) 2-Nitroaniline	13.381	65	117430	18.731	ng/ul	99
47) Dimethylphthalate	13.769	163	549285	18.788	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	105671	18.854	ng/ul	98
50) Acenaphthylene	14.040	152	591310	18.399	ng/ul	98
51) 3-Nitroaniline	14.210	138	96478	18.907	ng/ul	98
52) Acenaphthene	14.381	153	432637	18.527	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	63043	16.531	ng/ul	96
55) 4-Nitrophenol	14.528	109	100688	17.875	ng/ul	98
56) Dibenzofuran	14.722	168	636275	18.327	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	162284	18.789	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	162841	18.718	ng/ul	99
59) Diethylphthalate	15.145	149	546200	18.877	ng/ul	99
61) Fluorene	15.381	166	521159	18.051	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	302154	18.178	ng/ul	99
63) 4-Nitroaniline	15.398	138	107392	20.678	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	110579	17.762	ng/ul	96
67) N-Nitrosodiphenylamine	15.581	169	463137	19.092	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	208283	18.831	ng/ul	99
69) Hexachlorobenzene	16.410	284	252119	18.773	ng/ul	99
70) Atrazine	16.569	200	205729	19.011	ng/ul	98
71) Pentachlorophenol	16.763	266	157871	17.619	ng/ul	98
72) Phenanthrene	17.163	178	889772	18.425	ng/ul	99
74) Anthracene	17.251	178	906576	18.448	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	260264	18.831	ng/uL	99
76) Pentachlorobenzene	14.634	250	285489	18.783	ng/uL	99
77) Carbazole	17.539	167	800595	18.484	ng/ul	99
78) Di-n-butylphthalate	18.128	149	949685	19.018	ng/ul	99
80) Fluoranthene	19.251	202	1205938	19.012	ng/ul	99
82) Pyrene	19.627	202	1290494	18.901	ng/ul	99
83) Butylbenzylphthalate	20.574	149	464609	19.525	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	488952	19.935	ng/ul	100
85) Benzo(a)anthracene	21.522	228	1404937	19.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	697061	19.966	ng/ul	99
87) Chrysene	21.586	228	1313132	18.953	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1178049	18.786	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1478794	18.766	ng/ul	100
91) Benzo(k)fluoranthene	23.857	252	1458845m	18.575	ng/ul	
93) Benzo(a)pyrene	24.674	252	1359820	18.728	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.551	276	1725798	18.229	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1388768	18.209	ng/ul	98
96) Benzo(g,h,i)perylene	29.715	276	1332625m	18.140	ng/ul	

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

