

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023429.D
 Acq On : 16 Dec 2024 10:25
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 16 22:48:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	107827	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.269	136	401528	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.134	164	297504	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.945	188	678618	20.000	ng/u1	-0.01
79) Chrysene-d12	21.374	240	776618	20.000	ng/u1	-0.01
88) Perylene-d12	24.545	264	847368	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	20048	6.845	ng/uL	0.00
4) Pyridine-d5	3.511	84	138727	18.420	ng/u1	0.00
7) Phenol-d5	6.740	99	165018	19.505	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	105832	19.827	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	120995	19.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.246	113	130649	19.133	ng/u1	-0.01
21) Nitrobenzene-d5	8.669	128	60097	20.043	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.381	143	72248	20.907	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.922	165	144262	19.780	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	163879	20.058	ng/u1	-0.01
46) Dimethylphthalate-d6	13.557	166	451779	19.561	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	481122	19.750	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	47561	16.805	ng/u1	0.01
60) Fluorene-d10	15.145	176	383635	18.885	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.316	200	85769	20.913	ng/u1	0.00
73) Anthracene-d10	17.045	188	634851	20.498	ng/u1	0.00
81) Pyrene-d10	19.433	212	789448	19.457	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.321	264	839925	18.516	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	23074	7.120	ng/uL	98
5) Pyridine	3.528	79	144631	18.800	ng/u1	97
6) Benzaldehyde	6.699	77	113641m	23.495	ng/u1	
8) Phenol	6.769	94	170183	19.322	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.969	93	135165	19.441	ng/u1	98
12) 2-Chlorophenol	7.111	128	127263	19.441	ng/u1	97
13) 2-Methylphenol	7.981	108	124924	19.125	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	173314	20.499	ng/u1	99
16) Acetophenone	8.340	105	222016	19.318	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.322	70	119571	19.094	ng/u1	94
18) 4-Methylphenol	8.305	108	137667	19.526	ng/u1	92
19) Hexachloroethane	8.569	117	60414	18.955	ng/u1	97
22) Nitrobenzene	8.710	77	177937	19.503	ng/u1	99
23) Isophorone	9.228	82	323179	19.999	ng/u1	99
25) 2-Nitrophenol	9.410	139	75973	20.582	ng/u1	94
26) 2,4-Dimethylphenol	9.481	107	160581	19.646	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.699	93	186118	20.386	ng/u1	99
29) 2,4-Dichlorophenol	9.952	162	139130	19.248	ng/u1	99
30) Naphthalene	10.316	128	403678	19.204	ng/u1	99
32) 4-Chloroaniline	10.451	127	159019	20.072	ng/u1	99
33) Hexachlorobutadiene	10.587	225	119913	18.702	ng/u1	96
34) Caprolactam	11.234	113	43120m	20.445	ng/u1	
35) 4-Chloro-3-methylphenol	11.593	107	154835	19.727	ng/u1	95
36) 2-Methylnaphthalene	11.928	142	295835	18.979	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	300338	18.908	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	210010	19.344	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	92217	17.679	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.569	196	131923	20.533	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	138159	20.127	ng/ul	97
43) 1,1'-Biphenyl	12.957	154	411838	19.537	ng/ul	100
44) 2-Chloronaphthalene	12.998	162	334195	19.600	ng/ul	97
45) 2-Nitroaniline	13.240	65	106867	21.633	ng/ul	96
47) Dimethylphthalate	13.604	163	440900	19.380	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	88975	20.411	ng/ul	97
50) Acenaphthylene	13.863	152	490098	19.756	ng/ul	99
51) 3-Nitroaniline	14.075	138	77072	21.095	ng/ul	98
52) Acenaphthene	14.204	153	349393	19.269	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	58312	20.744	ng/ul	93
55) 4-Nitrophenol	14.434	109	78503	20.589	ng/ul	85
56) Dibenzofuran	14.551	168	530486	19.264	ng/ul	97
57) 2,4-Dinitrotoluene	14.545	165	139009	19.789	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.792	232	128078	18.794	ng/ul	94
59) Diethylphthalate	14.987	149	442823	19.517	ng/ul	98
61) Fluorene	15.204	166	421925	18.817	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.204	204	243186	18.700	ng/ul	100
63) 4-Nitroaniline	15.269	138	71728	22.321	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.328	198	96397	22.156	ng/ul#	91
67) N-Nitrosodiphenylamine	15.428	169	370566	21.383	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	164678	20.556	ng/ul	97
69) Hexachlorobenzene	16.228	284	194149	19.782	ng/ul	98
70) Atrazine	16.416	200	167461	22.207	ng/ul	99
71) Pentachlorophenol	16.604	266	111961	19.545	ng/ul	97
72) Phenanthrene	16.986	178	713858	20.347	ng/ul	99
74) Anthracene	17.086	178	711321	20.277	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	212604	21.734	ng/uL	96
76) Pentachlorobenzene	14.463	250	230578	21.385	ng/uL	99
77) Carbazole	17.381	167	616358	21.566	ng/ul	99
78) Di-n-butylphthalate	17.945	149	752256	21.421	ng/ul	99
80) Fluoranthene	19.080	202	920544	19.799	ng/ul	100
82) Pyrene	19.463	202	937633	19.005	ng/ul	98
83) Butylbenzylphthalate	20.422	149	371482	21.740	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	350387	19.662	ng/ul	98
85) Benzo(a)anthracene	21.357	228	968412	18.595	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	514616	20.972	ng/ul#	98
87) Chrysene	21.427	228	887547	17.784	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	860629	20.796	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	995805	18.704	ng/ul	99
91) Benzo(k)fluoranthene	23.610	252	968262	18.279	ng/ul	98
93) Benzo(a)pyrene	24.386	252	906556	18.780	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	1193085m	19.233	ng/ul	
95) Dibenzo(a,h)anthracene	28.180	278	942344	18.982	ng/ul	98
96) Benzo(g,h,i)perylene	29.227	276	895742	18.860	ng/ul	99

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

