

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023244.D
 Acq On : 20 Nov 2024 09:32
 Operator : RC/JU
 Sample : PB165061BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS061

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 00:14:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	84676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.316	136	311332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.187	164	245294	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.986	188	592972	20.000	ng/u1	-0.01
79) Chrysene-d12	21.427	240	693453	20.000	ng/u1	0.00
88) Perylene-d12	24.639	264	825023	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	12973	7.364	ng/uL	0.00
4) Pyridine-d5	3.546	84	169080	32.305	ng/u1	0.00
7) Phenol-d5	6.775	99	213583	34.117	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	124156	33.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	160437	34.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	164624	31.955	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	77356	35.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	92346	35.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	193691	35.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.463	131	191808	29.712	ng/u1	0.00
46) Dimethylphthalate-d6	13.593	166	620768	35.113	ng/u1	0.00
49) Acenaphthylene-d8	13.875	160	647833	35.119	ng/u1	0.00
54) 4-Nitrophenol-d4	14.440	143	81906	30.828	ng/u1	-0.02
60) Fluorene-d10	15.187	176	535522	34.550	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	127116	35.785	ng/u1	0.00
73) Anthracene-d10	17.092	188	896425	35.704	ng/u1	0.00
81) Pyrene-d10	19.475	212	1170211	36.637	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.416	264	1492845	37.987	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	24872	12.219	ng/uL	99
5) Pyridine	3.564	79	166346	31.647	ng/u1	97
6) Benzaldehyde	6.740	77	91121	25.293	ng/u1	96
8) Phenol	6.799	94	214252	32.773	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.011	93	163348	33.251	ng/u1	93
12) 2-Chlorophenol	7.146	128	161531	33.934	ng/u1	97
13) 2-Methylphenol	8.016	108	157287	32.232	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.075	45	183816	33.053	ng/u1	96
16) Acetophenone	8.381	105	264936	30.604	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.363	70	137241	31.750	ng/u1	97
18) 4-Methylphenol	8.346	108	169497	31.447	ng/u1	99
19) Hexachloroethane	8.616	117	74143	32.206	ng/u1	91
22) Nitrobenzene	8.752	77	214002	34.410	ng/u1	98
23) Isophorone	9.269	82	386581	34.763	ng/u1	98
25) 2-Nitrophenol	9.452	139	94566	34.673	ng/u1	97
26) 2,4-Dimethylphenol	9.522	107	153418	26.050	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.734	93	216149	35.326	ng/u1	99
29) 2,4-Dichlorophenol	9.987	162	183801	34.292	ng/u1	99
30) Naphthalene	10.363	128	509527	33.687	ng/u1	99
32) 4-Chloroaniline	10.487	127	151814	24.273	ng/u1	97
33) Hexachlorobutadiene	10.634	225	156636	32.297	ng/u1	98
34) Caprolactam	11.281	113	52610m	33.000	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	192622	33.406	ng/u1	99
36) 2-Methylnaphthalene	11.975	142	371195	32.507	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	373752	32.018	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.346	216	281249	33.962	ng/ul	97
40) Hexachlorocyclopentadiene	12.310	237	111370	25.605	ng/ul	96
41) 2,4,6-Trichlorophenol	12.604	196	163037	32.332	ng/ul	97
42) 2,4,5-Trichlorophenol	12.693	196	177126	32.582	ng/ul	94
43) 1,1'-Biphenyl	12.993	154	540072	34.360	ng/ul	100
44) 2-Chloronaphthalene	13.034	162	442891	34.470	ng/ul	99
45) 2-Nitroaniline	13.269	65	133576	37.025	ng/ul	93
47) Dimethylphthalate	13.634	163	583088	33.443	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	119741	35.307	ng/ul	97
50) Acenaphthylene	13.904	152	665871	35.710	ng/ul	99
51) 3-Nitroaniline	14.110	138	101244	34.660	ng/ul	93
52) Acenaphthene	14.251	153	459170	33.918	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	71702	29.796	ng/ul	92
55) 4-Nitrophenol	14.457	109	112721	36.263	ng/ul	95
56) Dibenzofuran	14.592	168	697636	33.354	ng/ul	99
57) 2,4-Dinitrotoluene	14.587	165	189643	35.085	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.834	232	158059	29.745	ng/ul	96
59) Diethylphthalate	15.028	149	580211	33.648	ng/ul	98
61) Fluorene	15.257	166	573570	33.505	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.251	204	330752	32.813	ng/ul	97
63) 4-Nitroaniline	15.310	138	109580	40.315	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.369	198	129906	34.235	ng/ul	99
67) N-Nitrosodiphenylamine	15.463	169	491876	35.898	ng/ul	98
68) 4-Bromophenyl-phenylether	16.151	248	234006	34.849	ng/ul	99
69) Hexachlorobenzene	16.275	284	290330	34.346	ng/ul	98
70) Atrazine	16.451	200	90484	13.661	ng/ul	98
71) Pentachlorophenol	16.651	266	144162	27.469	ng/ul	99
72) Phenanthrene	17.034	178	983714	35.136	ng/ul	99
74) Anthracene	17.128	178	979060	34.782	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	285299	36.441	ng/uL	98
76) Pentachlorobenzene	14.504	250	308169	34.473	ng/uL	97
77) Carbazole	17.422	167	882863	35.950	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1001706	36.757	ng/ul	99
80) Fluoranthene	19.122	202	1307185	35.523	ng/ul	99
82) Pyrene	19.504	202	1403908	35.514	ng/ul	99
83) Butylbenzylphthalate	20.463	149	490701	37.703	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	527375	33.880	ng/ul	100
85) Benzo(a)anthracene	21.410	228	1502078	35.474	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	707501	38.253	ng/ul	98
87) Chrysene	21.474	228	1422494	35.703	ng/ul	99
89) Di-n-octyl phthalate	22.539	149	1212698	36.231	ng/ul	100
90) Benzo(b)fluoranthene	23.621	252	1680297	36.591	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1627741	36.008	ng/ul#	98
93) Benzo(a)pyrene	24.480	252	1483317	35.733	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	2000688	34.593	ng/ul	99
95) Dibenzo(a,h)anthracene	28.333	278	1611314	34.313	ng/ul	98
96) Benzo(g,h,i)perylene	29.403	276	1547946	35.238	ng/ul#	98

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

