

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023233.D
 Acq On : 20 Nov 2024 01:26
 Operator : RC/JU
 Sample : PB165076BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS076

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 02:03:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	92482	20.000	ng/u1	0.00
20) Naphthalene-d8	10.322	136	341910	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.181	164	269508	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.986	188	663288	20.000	ng/u1	#-0.03
79) Chrysene-d12	21.427	240	769000	20.000	ng/u1	-0.02
88) Perylene-d12	24.645	264	895984	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	13219	6.871	ng/uL	0.00
4) Pyridine-d5	3.540	84	179342	31.374	ng/u1	0.00
7) Phenol-d5	6.769	99	225197	32.936	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.922	67	131878	32.829	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	168911	33.731	ng/u1	-0.02
15) 4-Methylphenol-d8	8.287	113	174539	31.020	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	81893	34.405	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	100619	35.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	208543	35.092	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.475	131	195968	27.641	ng/u1	0.00
46) Dimethylphthalate-d6	13.604	166	664437	34.207	ng/u1	0.00
49) Acenaphthylene-d8	13.875	160	697866	34.432	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.439	143	89861	30.784	ng/u1	-0.01
60) Fluorene-d10	15.187	176	586865	34.460	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	137529	34.612	ng/u1	0.00
73) Anthracene-d10	17.104	188	982804	34.995	ng/u1	-0.01
81) Pyrene-d10	19.480	212	1295094	36.563	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.433	264	1582203	37.072	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	26689	12.005	ng/uL	91
5) Pyridine	3.564	79	178433	31.082	ng/u1	93
6) Benzaldehyde	6.740	77	85272	21.672	ng/u1	98
8) Phenol	6.799	94	227024	31.796	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.005	93	168940	31.487	ng/u1	98
12) 2-Chlorophenol	7.146	128	167965	32.307	ng/u1	97
13) 2-Methylphenol	8.022	108	160938	30.196	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.075	45	193830	31.912	ng/u1	95
16) Acetophenone	8.387	105	283480	29.982	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.363	70	145055	30.725	ng/u1	99
18) 4-Methylphenol	8.346	108	178483	30.319	ng/u1	98
19) Hexachloroethane	8.616	117	78577	31.251	ng/u1	99
22) Nitrobenzene	8.757	77	228059	33.391	ng/u1	99
23) Isophorone	9.263	82	408172	33.422	ng/u1	97
25) 2-Nitrophenol	9.457	139	100367	33.509	ng/u1	96
26) 2,4-Dimethylphenol	9.516	107	173291	26.793	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.746	93	228249	33.968	ng/u1	99
29) 2,4-Dichlorophenol	9.987	162	192698	32.736	ng/u1	95
30) Naphthalene	10.369	128	538002	32.389	ng/u1	100
32) 4-Chloroaniline	10.499	127	153472	22.344	ng/u1	100
33) Hexachlorobutadiene	10.640	225	165449	31.064	ng/u1	98
34) Caprolactam	11.287	113	56927m	32.514	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	211360	33.377	ng/u1	98
36) 2-Methylnaphthalene	11.975	142	401494	32.016	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	401180	31.294	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.351	216	303042	33.306	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	121226	25.366	ng/ul	98
41) 2,4,6-Trichlorophenol	12.610	196	177330	32.007	ng/ul	96
42) 2,4,5-Trichlorophenol	12.693	196	195299	32.698	ng/ul	96
43) 1,1'-Biphenyl	12.998	154	581959	33.699	ng/ul	100
44) 2-Chloronaphthalene	13.040	162	473744	33.559	ng/ul	100
45) 2-Nitroaniline	13.275	65	144004	36.329	ng/ul	93
47) Dimethylphthalate	13.645	163	654449	34.164	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	133221	35.752	ng/ul	99
50) Acenaphthylene	13.910	152	701014	34.217	ng/ul	99
51) 3-Nitroaniline	14.110	138	107410	33.467	ng/ul#	98
52) Acenaphthene	14.251	153	494203	33.226	ng/ul	96
53) 2,4-Dinitrophenol	14.351	184	80662	30.508	ng/ul	94
55) 4-Nitrophenol	14.457	109	95662	28.010	ng/ul	95
56) Dibenzofuran	14.592	168	748948	32.590	ng/ul	100
57) 2,4-Dinitrotoluene	14.592	165	206355	34.747	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.822	232	175704	30.094	ng/ul	96
59) Diethylphthalate	15.034	149	639756	33.768	ng/ul	98
61) Fluorene	15.245	166	624080	33.180	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.251	204	365056	32.962	ng/ul	97
63) 4-Nitroaniline	15.310	138	116169	38.899	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.369	198	140240	33.040	ng/ul	96
67) N-Nitrosodiphenylamine	15.475	169	541898	35.356	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	258809	34.457	ng/ul	96
69) Hexachlorobenzene	16.281	284	323128	34.173	ng/ul	95
70) Atrazine	16.457	200	96855	13.073	ng/ul	99
71) Pentachlorophenol	16.639	266	163403	27.835	ng/ul	98
72) Phenanthrene	17.033	178	1082620	34.570	ng/ul	99
74) Anthracene	17.139	178	1069472	33.966	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.963	216	306794	35.032	ng/uL	98
76) Pentachlorobenzene	14.510	250	332635	33.265	ng/uL	97
77) Carbazole	17.428	167	964850	35.123	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1103498	36.199	ng/ul	100
80) Fluoranthene	19.133	202	1512261	37.059	ng/ul	100
82) Pyrene	19.510	202	1538387	35.093	ng/ul	99
83) Butylbenzylphthalate	20.463	149	549519	38.074	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	524940	30.411	ng/ul	99
85) Benzo(a)anthracene	21.410	228	1626588	34.640	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	785313	38.289	ng/ul	98
87) Chrysene	21.480	228	1498304	33.911	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	1332440	36.656	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1825174	36.598	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1733041	35.301	ng/ul#	99
93) Benzo(a)pyrene	24.498	252	1567823	34.777	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.280	276	2131389m	33.934	ng/ul	
95) Dibenzo(a,h)anthracene	28.345	278	1726876	33.862	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	1646647m	34.516	ng/ul	

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

