

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022549.D
 Acq On : 22 Oct 2024 23:12
 Operator : RC/JU
 Sample : P4429-17MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F56MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 02:10:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	125062	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	504068	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	397366	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	947878	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	920970	20.000	ng/u1	0.00
88) Perylene-d12	24.769	264	1075497	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9540	2.964	ng/uL	0.00
4) Pyridine-d5	3.605	84	136950	15.501	ng/u1	0.00
7) Phenol-d5	6.852	99	215278	20.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	120751	19.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	158555	21.226	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	191786	22.828	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	85077	21.951	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	104564	23.303	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	227467	23.851	ng/u1	0.00
31) 4-Chloroaniline-d4	10.558	131	217475	19.298	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	697611	22.096	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	736521	21.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	98277	18.555	ng/u1	0.00
60) Fluorene-d10	15.275	176	613500	22.403	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	110513	17.727	ng/u1	0.00
73) Anthracene-d10	17.175	188	1017369	22.816	ng/u1	0.00
81) Pyrene-d10	19.557	212	1217650	25.002	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1306819	22.752	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	31352	9.060	ng/uL	99
5) Pyridine	3.623	79	213199	23.535	ng/u1	100
6) Benzaldehyde	6.822	77	41931	7.371	ng/u1	93
8) Phenol	6.881	94	322927	29.484	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	230680	28.142	ng/u1	98
12) 2-Chlorophenol	7.240	128	233122	30.180	ng/u1	97
13) 2-Methylphenol	8.105	108	242030	30.449	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.169	45	271501	28.499	ng/u1	98
16) Acetophenone	8.475	105	408234	29.433	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.458	70	210239	29.918	ng/u1	97
18) 4-Methylphenol	8.428	108	271872	30.832	ng/u1	99
19) Hexachloroethane	8.722	117	108230	30.085	ng/u1	97
22) Nitrobenzene	8.846	77	326253	28.201	ng/u1	97
23) Isophorone	9.363	82	609410	29.379	ng/u1	98
25) 2-Nitrophenol	9.546	139	149909	30.999	ng/u1	96
26) 2,4-Dimethylphenol	9.605	107	321867	30.622	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	347125	29.473	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	300632	32.011	ng/u1	98
30) Naphthalene	10.469	128	797471	29.703	ng/u1	99
32) 4-Chloroaniline	10.587	127	217775	19.577	ng/u1	98
33) Hexachlorobutadiene	10.752	225	233885	29.548	ng/u1	99
34) Caprolactam	11.363	113	90603m	29.924	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	328366	32.046	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	600748	30.483	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	584494	29.057	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.452	216	439651	29.923	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	132925	14.849	ng/ul	96
41) 2,4,6-Trichlorophenol	12.699	196	292827	31.684	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	321467	32.667	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	852267	29.756	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	703470	30.003	ng/ul	98
45) 2-Nitroaniline	13.351	65	206754	29.532	ng/ul	96
47) Dimethylphthalate	13.734	163	913052	29.023	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	197752	33.233	ng/ul	96
50) Acenaphthylene	13.999	152	1028322	29.548	ng/ul	100
51) 3-Nitroaniline	14.187	138	165745	29.656	ng/ul	99
52) Acenaphthene	14.351	153	734053	29.828	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	106605	24.350	ng/ul	96
55) 4-Nitrophenol	14.522	109	168154	28.605	ng/ul	98
56) Dibenzofuran	14.687	168	1093082	29.570	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	291611	31.537	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	290486	31.625	ng/ul	99
59) Diethylphthalate	15.110	149	920410	30.495	ng/ul	99
61) Fluorene	15.334	166	906238	30.087	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.345	204	519729	30.174	ng/ul	97
63) 4-Nitroaniline	15.375	138	190452m	33.865	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	170226	25.351	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	771314	30.386	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	364677	31.903	ng/ul	95
69) Hexachlorobenzene	16.375	284	437130	31.068	ng/ul	98
70) Atrazine	16.528	200	346397	32.830	ng/ul	94
71) Pentachlorophenol	16.722	266	279898	30.939	ng/ul	98
72) Phenanthrene	17.116	178	1550963	30.584	ng/ul	99
74) Anthracene	17.210	178	1531165	30.255	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	442471	30.658	ng/uL	98
76) Pentachlorobenzene	14.604	250	480091	30.091	ng/uL	99
77) Carbazole	17.498	167	1333797	29.786	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1583304	31.955	ng/ul	100
80) Fluoranthene	19.216	202	2015777	36.003	ng/ul	100
82) Pyrene	19.592	202	2078629	34.638	ng/ul	98
83) Butylbenzylphthalate	20.533	149	713276	34.139	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	476857	21.721	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1980329	30.673	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1020327	34.023	ng/ul	99
87) Chrysene	21.551	228	1795292	29.989	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1685394	32.945	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	2120824m	31.327	ng/ul	
91) Benzo(k)fluoranthene	23.810	252	2025167	30.554	ng/ul	99
93) Benzo(a)pyrene	24.616	252	1878062	30.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	2571184m	30.924	ng/ul	
95) Dibenzo(a,h)anthracene	28.545	278	2037232	30.258	ng/ul	98
96) Benzo(g,h,i)perylene	29.633	276	1986246	30.712	ng/ul	99

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

