

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020191.D
 Acq On : 04 May 2024 01:52
 Operator : MA/JU
 Sample : P2238-10MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E1CX6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 02:26:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	101509	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	438795	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	295145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	643118	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	460597	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	442958	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	16134	6.713	ng/uL	0.00
4) Pyridine-d5	3.617	84	178770	25.598	ng/u1	0.00
7) Phenol-d5	6.811	99	154705	17.747	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	169186	31.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	44977	7.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	203879	28.928	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	109174	33.226	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	11260	2.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	38490	5.605	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	302892	31.518	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	798246	37.036	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	856442	35.971	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	575	0.174	ng/u1	0.00
60) Fluorene-d10	15.322	176	662482	36.851	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	3209	0.786	ng/u1	0.01
73) Anthracene-d10	17.239	188	1030423	37.037	ng/u1	0.00
81) Pyrene-d10	19.633	212	1127373	41.872	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	791000	36.932	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	29642	10.868	ng/uL	98
5) Pyridine	3.634	79	232712	32.944	ng/u1	97
6) Benzaldehyde	6.793	77	213751	48.782	ng/u1	98
8) Phenol	6.834	94	360777	40.097	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	267552	38.001	ng/u1	99
12) 2-Chlorophenol	7.193	128	261011	40.115	ng/u1	98
13) 2-Methylphenol	8.063	108	263664	39.285	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	333953	38.023	ng/u1	99
16) Acetophenone	8.452	105	464033	39.670	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	255334	40.224	ng/u1	97
18) 4-Methylphenol	8.393	108	297200	40.741	ng/u1	93
19) Hexachloroethane	8.669	117	113583	38.173	ng/u1	94
22) Nitrobenzene	8.828	77	363418	38.528	ng/u1	99
23) Isophorone	9.346	82	712499	39.282	ng/u1	99
25) 2-Nitrophenol	9.522	139	159720	40.979	ng/u1	95
26) 2,4-Dimethylphenol	9.581	107	321611	37.822	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	387394	38.526	ng/u1	100
29) 2,4-Dichlorophenol	10.057	162	291300	43.614	ng/u1	99
30) Naphthalene	10.446	128	892721	39.471	ng/u1	99
32) 4-Chloroaniline	10.575	127	319019	33.947	ng/u1	98
33) Hexachlorobutadiene	10.710	225	207209	39.943	ng/u1	97
34) Caprolactam	11.393	113	116818	50.092	ng/u1	91
35) 4-Chloro-3-methylphenol	11.704	107	366927	44.124	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	643162	40.870	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	644656	40.709	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	402888	43.769	ng/ul	99
40) Hexachlorocyclopentadiene	12.398	237	126245	25.218	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	261661	45.329	ng/ul	100
42) 2,4,5-Trichlorophenol	12.781	196	291173	46.877	ng/ul	97
43) 1,1'-Biphenyl	13.098	154	884347	42.363	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	683854	41.284	ng/ul	99
45) 2-Nitroaniline	13.375	65	253571	46.150	ng/ul	97
47) Dimethylphthalate	13.757	163	935680	42.979	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	194697	44.986	ng/ul	96
50) Acenaphthylene	14.016	152	1098476	41.019	ng/ul	99
51) 3-Nitroaniline	14.228	138	182762	45.276	ng/ul	95
52) Acenaphthene	14.363	153	761491	42.314	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	124464	46.852	ng/ul	93
55) 4-Nitrophenol	14.563	109	143552	41.623	ng/ul	92
56) Dibenzofuran	14.710	168	1083383	43.771	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	297025	47.735	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	255729	45.847	ng/ul	98
59) Diethylphthalate	15.163	149	969839	44.627	ng/ul	99
61) Fluorene	15.381	166	915588	44.520	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	486714	44.610	ng/ul	96
63) 4-Nitroaniline	15.434	138	176797	52.556	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.487	198	183240	43.060	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	787089	43.955	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	308785	44.327	ng/ul	97
69) Hexachlorobenzene	16.398	284	357907	44.360	ng/ul	98
70) Atrazine	16.604	200	279612	44.037	ng/ul	100
71) Pentachlorophenol	16.769	266	220201	45.153	ng/ul	99
72) Phenanthrene	17.175	178	1496183	45.598	ng/ul	99
74) Anthracene	17.275	178	1410862	42.275	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	403004	42.163	ng/ul	98
76) Pentachlorobenzene	14.622	250	410928	42.962	ng/ul	99
77) Carbazole	17.569	167	1257791	43.749	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1667601	47.852	ng/ul	100
80) Fluoranthene	19.286	202	1783211	56.278	ng/ul	99
82) Pyrene	19.663	202	1797991	54.537	ng/ul	100
83) Butylbenzylphthalate	20.639	149	638581	51.026	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	405213	43.227	ng/ul	98
85) Benzo(a)anthracene	21.610	228	1456696	46.628	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	841286	46.597	ng/ul	98
87) Chrysene	21.674	228	1371199	47.356	ng/ul	100
89) Di-n-octyl phthalate	22.851	149	1220019	43.007	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1373871	52.140	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	1227384	45.708	ng/ul	99
93) Benzo(a)pyrene	24.821	252	1156988	46.147	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.774	276	1641665m	53.414	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	1185275	46.624	ng/ul	99
96) Benzo(g,h,i)perylene	29.945	276	1342570m	54.161	ng/ul	

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

