

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020693.D
 Acq On : 28 Jun 2024 14:47
 Operator : MA/JU
 Sample : P2934-07MSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B72MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 16:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	212404	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	857171	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	539560	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	953206	20.000	ng/u1	-0.01
79) Chrysene-d12	21.651	240	671558	20.000	ng/u1	0.01
88) Perylene-d12	25.021	264	853111	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17675	3.573	ng/uL	0.00
4) Pyridine-d5	3.693	84	44646	3.097	ng/u1	0.00
7) Phenol-d5	6.928	99	417623	23.972	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	242616	21.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	344378	24.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	331370	23.420	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	171131	27.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	196240	30.987	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	374359	28.697	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	223323	12.215	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1072420	28.586	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1178748	26.332	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	146736	25.600	ng/u1	0.00
60) Fluorene-d10	15.387	176	863169	27.343	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	144481	30.078	ng/u1	0.01
73) Anthracene-d10	17.286	188	1166045	27.257	ng/u1	0.00
81) Pyrene-d10	19.669	212	978399	24.251	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	806848	19.443	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	67009	12.106	ng/uL	94
5) Pyridine	3.711	79	99711	6.677	ng/u1	99
6) Benzaldehyde	6.910	77	246141	27.939	ng/u1	99
8) Phenol	6.952	94	712215	40.090	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	530471	36.067	ng/u1	98
12) 2-Chlorophenol	7.316	128	561792	39.251	ng/u1	98
13) 2-Methylphenol	8.187	108	505467	37.084	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	774327	34.642	ng/u1	99
16) Acetophenone	8.563	105	939370	41.573	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.540	70	442727	36.862	ng/u1	99
18) 4-Methylphenol	8.510	108	575174	39.865	ng/u1	100
19) Hexachloroethane	8.799	117	187652	30.201	ng/u1	98
22) Nitrobenzene	8.940	77	634953	38.703	ng/u1	98
23) Isophorone	9.457	82	1259759	38.755	ng/u1	98
25) 2-Nitrophenol	9.640	139	334811	48.954	ng/u1	95
26) 2,4-Dimethylphenol	9.699	107	322922	20.273	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	737845	38.156	ng/u1	97
29) 2,4-Dichlorophenol	10.163	162	582000	45.074	ng/u1	98
30) Naphthalene	10.563	128	1825915	39.798	ng/u1	100
32) 4-Chloroaniline	10.681	127	353208	20.067	ng/u1	98
33) Hexachlorobutadiene	10.840	225	400191	41.456	ng/u1	98
34) Caprolactam	11.487	113	156854	39.919	ng/u1	87
35) 4-Chloro-3-methylphenol	11.810	107	633734	44.453	ng/u1	97
36) 2-Methylnaphthalene	12.181	142	1276567	41.537	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1313433	41.806	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	737541	42.754	ng/ul	100
40) Hexachlorocyclopentadiene	12.522	237	228672	21.297	ng/ul	97
41) 2,4,6-Trichlorophenol	12.793	196	486189	47.244	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	525398	49.226	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	1661771	41.182	ng/ul	98
44) 2-Chloronaphthalene	13.245	162	1315805	41.401	ng/ul	100
45) 2-Nitroaniline	13.451	65	392003	48.969	ng/ul	94
47) Dimethylphthalate	13.828	163	1691902	44.274	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	352015	51.659	ng/ul	95
50) Acenaphthylene	14.092	152	2073743	41.011	ng/ul	100
51) 3-Nitroaniline	14.287	138	271029	42.794	ng/ul	92
52) Acenaphthene	14.440	153	1377435	41.065	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	157645	44.600	ng/ul	98
55) 4-Nitrophenol	14.610	109	223984	43.666	ng/ul	97
56) Dibenzofuran	14.781	168	1932549	42.756	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	491146	52.216	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.010	232	420355	47.685	ng/ul	94
59) Diethylphthalate	15.216	149	1654903	43.903	ng/ul	98
61) Fluorene	15.445	166	1523808	41.960	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	807153	42.592	ng/ul	97
63) 4-Nitroaniline	15.469	138	293448	48.821	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.534	198	246839	47.970	ng/ul	93
67) N-Nitrosodiphenylamine	15.657	169	1293746	46.023	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	510527	48.017	ng/ul	96
69) Hexachlorobenzene	16.457	284	455032	38.232	ng/ul	96
70) Atrazine	16.645	200	360775	36.405	ng/ul	99
71) Pentachlorophenol	16.816	266	301109	43.943	ng/ul	98
72) Phenanthrene	17.228	178	2457415	49.232	ng/ul	100
74) Anthracene	17.322	178	2173617	42.334	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	761587	49.220	ng/ul	98
76) Pentachlorobenzene	14.692	250	602584	40.861	ng/ul	99
77) Carbazole	17.604	167	1672782	39.477	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2612426	47.467	ng/ul	100
80) Fluoranthene	19.322	202	2658634	53.948	ng/ul	98
82) Pyrene	19.704	202	2188095	43.293	ng/ul	97
83) Butylbenzylphthalate	20.663	149	883588	47.082	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.551	252	249069	16.775	ng/ul	96
85) Benzo(a)anthracene	21.633	228	2372225	50.397	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.569	149	1245880	42.757	ng/ul	100
87) Chrysene	21.698	228	2243634	50.428	ng/ul	100
89) Di-n-octyl phthalate	22.863	149	2185168	39.899	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	2615791	50.613	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	2440115	46.675	ng/ul	99
93) Benzo(a)pyrene	24.862	252	1282630	26.290	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.851	276	2343838m	37.455	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	2326125	45.228	ng/ul	99
96) Benzo(g,h,i)perylene	30.033	276	250435m	4.902	ng/ul	

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

