

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020663.D
 Acq On : 27 Jun 2024 15:52
 Operator : MA/JU
 Sample : P2909-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B84MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 16:21:47 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	7.746	152	179296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	666640	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	371479	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	708016	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	668287	20.000	ng/u1	0.02
88) Perylene-d12	25.027	264	884928	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	19783	4.738	ng/uL	0.00
4) Pyridine-d5	3.693	84	150656	12.380	ng/u1	0.00
7) Phenol-d5	6.928	99	369321	25.114	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	230677	24.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	321877	26.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	275812	23.093	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	147699	30.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	163497	33.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	301286	29.696	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	275536	19.379	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	787046	30.472	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	896909	29.102	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	124111	31.450	ng/u1	0.00
60) Fluorene-d10	15.392	176	651929	29.995	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	118981	33.347	ng/u1	0.02
73) Anthracene-d10	17.298	188	953099	29.994	ng/u1	0.02
81) Pyrene-d10	19.680	212	984726	24.527	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.786	264	832921	19.349	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	61481	13.158	ng/uL	96
5) Pyridine	3.711	79	143197	11.360	ng/u1	94
6) Benzaldehyde	6.911	77	187610	25.228	ng/u1	96
8) Phenol	6.958	94	533682	35.587	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.175	93	419753	33.809	ng/u1	99
12) 2-Chlorophenol	7.316	128	439309	36.361	ng/u1	100
13) 2-Methylphenol	8.187	108	363350	31.580	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	590696	31.307	ng/u1	99
16) Acetophenone	8.558	105	636224	33.356	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.546	70	313157	30.888	ng/u1	98
18) 4-Methylphenol	8.511	108	400698	32.901	ng/u1	99
19) Hexachloroethane	8.810	117	139413	26.581	ng/u1	92
22) Nitrobenzene	8.934	77	474991	37.228	ng/u1	98
23) Isophorone	9.463	82	868054	34.337	ng/u1	99
25) 2-Nitrophenol	9.634	139	234966	44.174	ng/u1	96
26) 2,4-Dimethylphenol	9.699	107	205094	16.555	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.934	93	520480	34.608	ng/u1	99
29) 2,4-Dichlorophenol	10.175	162	397396	39.573	ng/u1	98
30) Naphthalene	10.569	128	1318830	36.961	ng/u1	100
32) 4-Chloroaniline	10.681	127	316983	23.156	ng/u1	99
33) Hexachlorobutadiene	10.840	225	291685	38.852	ng/u1	98
34) Caprolactam	11.469	113	98882	32.358	ng/u1	86
35) 4-Chloro-3-methylphenol	11.799	107	401205	36.185	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	876642	36.677	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	890673	36.452	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.540	216	488608	41.140	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	171835	23.245	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	304213	42.937	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	321261	43.719	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	1100274	39.604	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	876521	40.058	ng/ul	99
45) 2-Nitroaniline	13.446	65	257755	46.768	ng/ul	94
47) Dimethylphthalate	13.828	163	1064973	40.477	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	216835	46.219	ng/ul	96
50) Acenaphthylene	14.098	152	1338156	38.438	ng/ul	99
51) 3-Nitroaniline	14.293	138	204047	46.796	ng/ul	93
52) Acenaphthene	14.440	153	921602	39.907	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	115029	47.269	ng/ul	99
55) 4-Nitrophenol	14.616	109	159516	45.169	ng/ul	95
56) Dibenzofuran	14.781	168	1267158	40.720	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	309340	47.768	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.016	232	257933	42.499	ng/ul	97
59) Diethylphthalate	15.222	149	1041483	40.131	ng/ul	100
61) Fluorene	15.451	166	1055862	42.229	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	518372	39.730	ng/ul	97
63) 4-Nitroaniline	15.481	138	214560	51.848	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.534	198	179522	46.970	ng/ul	93
67) N-Nitrosodiphenylamine	15.657	169	851497	40.781	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	317378	40.188	ng/ul	99
69) Hexachlorobenzene	16.469	284	277237	31.360	ng/ul	97
70) Atrazine	16.645	200	234276	31.827	ng/ul	99
71) Pentachlorophenol	16.834	266	186995	36.740	ng/ul	98
72) Phenanthrene	17.245	178	2450375	66.091	ng/ul	100
74) Anthracene	17.334	178	1679040	44.027	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	486971	42.371	ng/ul	97
76) Pentachlorobenzene	14.698	250	373783	34.124	ng/ul	99
77) Carbazole	17.610	167	1307390	41.538	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1741926	42.611	ng/ul	100
80) Fluoranthene	19.333	202	3188377	65.015	ng/ul	99
82) Pyrene	19.716	202	2398147	47.681	ng/ul	99
83) Butylbenzylphthalate	20.669	149	813732	43.572	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	567567	38.412	ng/ul	97
85) Benzo(a)anthracene	21.639	228	2537632	54.175	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.592	149	21860575m	753.898	ng/ul	
87) Chrysene	21.710	228	2425164	54.774	ng/ul	100
89) Di-n-octyl phthalate	22.874	149	2174051	38.269	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	2840793	52.990	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	2511120	46.306	ng/ul	99
93) Benzo(a)pyrene	24.863	252	1235986	24.423	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.862	276	2276806m	35.076	ng/ul	
95) Dibenzo(a,h)anthracene	28.945	278	2280611	42.748	ng/ul	99
96) Benzo(g,h,i)perylene	30.021	276	225851	4.262	ng/ul	99

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

