Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015849.D
Acq On : 30 Jun 2023 17:57
Operator : MA/JU
Sample : PB153635BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS635

Quant Time: Jun 30 22:34:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	195087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	860559	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	521645	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1148575	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	861285	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	838836	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	36016	6.642	ng/uL	0.00
4) Pyridine-d5	3.817	84	508120	37.174	ng/ul	0.00
7) Phenol-d5	7.222	99	664548	39.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	427871	41.433	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	524641	41.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	540645	41.000	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	257033	39.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	289576	37.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	509660	37.260	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	704997	40.123	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1558997	38.666	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1780253	39.278	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	233170	43.823	ng/ul	0.00
60) Fluorene-d10	15.698	176	1290199	38.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	255906	36.229	ng/ul	0.00
73) Anthracene-d10	17.563	188	2024794	38.593	ng/ul	0.00
81) Pyrene-d10	19.792	212	2246597	39.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1747028	41.287	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	74830	12.824	ng/uL	99
5) Pyridine	3.840	79	481537	33.676	ng/ul	95
6) Benzaldehyde	7.193	77	377194	55.893	ng/ul	96
8) Phenol	7.252	94	707293	40.833	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.469	93	561922	40.773	ng/ul	100
12) 2-Chlorophenol	7.616	128	523883	39.135	ng/ul	99
13) 2-Methylphenol	8.510	108	533021	40.757	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	823037	43.724	ng/ul	98
16) Acetophenone	8.893	105	832084	38.387	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.869	70	460754	38.271	ng/ul	99
18) 4-Methylphenol	8.852	108	575229	40.937	ng/ul	99
19) Hexachloroethane	9.128	117	217408	35.164	ng/ul	91
22) Nitrobenzene	9.281	77	690113	37.367	ng/ul	96
23) Isophorone	9.804	82	1309301	37.046	ng/ul	99
25) 2-Nitrophenol	9.999	139	305654	37.521	ng/ul	91
26) 2,4-Dimethylphenol	10.052	107	596217	33.293	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	780841	39.137	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	506405	37.239	ng/ul	99
30) Naphthalene	10.928	128	1726165	36.898	ng/ul	99
32) 4-Chloroaniline	11.057	127	603392	33.052	ng/ul	97
33) Hexachlorobutadiene	11.193	225	304699	29.670	ng/ul	99
34) Caprolactam	11.863	113	183501	44.114	ng/ul	94
35) 4-Chloro-3-methylphenol	12.193	107	598531	37.601	ng/ul	96
36) 2-Methylnaphthalene	12.534	142	1124040	36.499	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1152425	36.682	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	589270	34.280	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	92366	17.961	ng/ul	100
41) 2,4,6-Trichlorophenol	13.157	196	383574	35.308	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	432617	37.544	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1519426	36.774	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1193674	36.673	ng/ul	98
45) 2-Nitroaniline	13.810	65	424990	41.497	ng/ul	93
47) Dimethylphthalate	14.157	163	1537107	36.838	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	327435	38.685	ng/ul	95
50) Acenaphthylene	14.428	152	1899063	38.026	ng/ul	100
51) 3-Nitroaniline	14.640	138	335947	50.614	ng/ul	96
52) Acenaphthene	14.769	153	1314371	37.954	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	147258	32.793	ng/ul	89
55) 4-Nitrophenol	14.963	109	177561	32.203	ng/ul#	76
56) Dibenzofuran	15.104	168	1802653	37.497	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	462810	40.125	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	341157	34.469	ng/ul	97
59) Diethylphthalate	15.510	149	1606706	38.050	ng/ul	100
61) Fluorene	15.751	166	1484006	38.057	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	705119	35.339	ng/ul	97
63) 4-Nitroaniline	15.810	138	319771	70.391	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.869	198	251584	35.202	ng/ul	100
67) N-Nitrosodiphenylamine	15.957	169	1273446	37.036	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	445313	33.952	ng/ul	90
69) Hexachlorobenzene	16.763	284	516158	33.352	ng/ul	98
70) Atrazine	16.916	200	202794	15.408	ng/ul	99
71) Pentachlorophenol	17.122	266	246297	33.159	ng/ul	97
72) Phenanthrene	17.504	178	2371434	38.005	ng/ul	100
74) Anthracene	17.598	178	2410065	38.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	592910	31.724	ng/uL	98
76) Pentachlorobenzene	15.022	250	602459	31.939	ng/uL	99
77) Carbazole	17.881	167	2221019	42.029	ng/ul	100
78) Di-n-butylphthalate	18.392	149	2921747	41.704	ng/ul	99
80) Fluoranthene	19.469	202	2721922	38.943	ng/ul#	95
82) Pyrene	19.822	202	2754767	38.637	ng/ul#	91
83) Butylbenzylphthalate	20.663	149	1326782	45.613	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.463	252	807822	41.491	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2350852	38.801	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1910682	47.797	ng/ul	99
87) Chrysene	21.592	228	2258359	39.288	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3160057	51.548	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2149526	39.881	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2159446	39.654	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	1851100	39.305	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2328142	36.415	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.804	278	1931316	36.777	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	1893729	36.005	ng/ul#	95

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

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