Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
Data File : BP010851.D
Acq On : 26 Jun 2022 04:34
Operator : CG/JU
Sample : PB145767BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS767

Quant Time: Jun 26 22:56:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	387608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1552599	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.369	164	851059	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.134	188	1692250	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.245	240	1659315	20.000	ng/ul	#-0.01
88) Perylene-d12	23.610	264	1750072	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	72685	7.094	ng/uL	0.00
4) Pyridine-d5	3.611	84	970823	35.593	ng/ul	0.00
7) Phenol-d5	6.893	99	1148537	37.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	706454	35.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	959628	37.696	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	903948	37.268	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	437270	44.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	425504	52.036	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	791051	39.152	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	1129789	34.256	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	2171398	37.247	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	2723677	36.606	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	443193	48.672	ng/ul	0.00
60) Fluorene-d10	15.369	176	1869204	37.363	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	257802	45.982	ng/ul	0.00
73) Anthracene-d10	17.234	188	2828152	37.563	ng/ul	-0.01
81) Pyrene-d10	19.486	212	3281665	36.302	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	3455939	39.962	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	142021	12.997	ng/uL#	85
5) Pyridine	3.628	79	909933	32.933	ng/ul#	75
6) Benzaldehyde	6.864	77	742029	45.834	ng/ul	95
8) Phenol	6.922	94	1117367	34.048	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.152	93	886364	33.629	ng/ul	88
12) 2-Chlorophenol	7.281	128	914202	34.790	ng/ul	90
13) 2-Methylphenol	8.163	108	816873	33.435	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1142621	32.311	ng/ul#	97
16) Acetophenone	8.540	105	1253829	33.660	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.534	70	596911	31.690	ng/ul	88
18) 4-Methylphenol	8.499	108	876437	34.447	ng/ul	99
19) Hexachloroethane	8.787	117	356226	33.474	ng/ul#	82
22) Nitrobenzene	8.916	77	940086	38.114	ng/ul	91
23) Isophorone	9.446	82	1654519	31.987	ng/ul	97
25) 2-Nitrophenol	9.628	139	444349	44.873	ng/ul#	79
26) 2,4-Dimethylphenol	9.699	107	871761	32.223	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.934	93	1088011	33.344	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	743878	35.432	ng/ul	98
30) Naphthalene	10.563	128	2746278	33.938	ng/ul	99
32) 4-Chloroaniline	10.681	127	1044591	31.968	ng/ul	99
33) Hexachlorobutadiene	10.846	225	440355	32.831	ng/ul	96
34) Caprolactam	11.463	113	246291	37.343	ng/ul	87
35) 4-Chloro-3-methylphenol	11.816	107	807327	35.480	ng/ul	94
36) 2-Methylnaphthalene	12.181	142	1722606	32.874	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.399	142	1721576	33.071	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.546	216	803059	32.836	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	456137	29.434	ng/ul	96
41) 2,4,6-Trichlorophenol	12.799	196	523774	37.147	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	573000	37.870	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	2174722	32.459	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	1696224	33.608	ng/ul	99
45) 2-Nitroaniline	13.451	65	480786	44.899	ng/ul#	80
47) Dimethylphthalate	13.840	163	2036533	34.882	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	397154	45.401	ng/ul	90
50) Acenaphthylene	14.093	152	2658489	32.625	ng/ul	99
51) 3-Nitroaniline	14.287	138	463327	44.180	ng/ul	87
52) Acenaphthene	14.434	153	1808645	34.399	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	141478	42.128	ng/ul#	82
55) 4-Nitrophenol	14.604	109	304915	42.113	ng/ul#	76
56) Dibenzofuran	14.775	168	2450104	34.019	ng/ul	95
57) 2,4-Dinitrotoluene	14.745	165	583403	49.912	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.998	232	448168	41.361	ng/ul	90
59) Diethylphthalate	15.216	149	2064244	35.564	ng/ul	99
61) Fluorene	15.428	166	1983403	34.537	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.428	204	913434	33.978	ng/ul	99
63) 4-Nitroaniline	15.457	138	521257	53.758	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.504	198	252880	41.740	ng/ul	97
67) N-Nitrosodiphenylamine	15.640	169	1698988	33.148	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	562328	33.157	ng/ul	98
69) Hexachlorobenzene	16.428	284	651823	33.182	ng/ul	97
70) Atrazine	16.610	200	592914	34.891	ng/ul	98
71) Pentachlorophenol	16.781	266	334261	33.047	ng/ul	98
72) Phenanthrene	17.175	178	3188304	35.379	ng/ul	99
74) Anthracene	17.269	178	3165524	34.925	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	833061	29.832	ng/uL	97
76) Pentachlorobenzene	14.687	250	760825	31.768	ng/uL	99
77) Carbazole	17.545	167	3051701	37.405	ng/ul	99
78) Di-n-butylphthalate	18.116	149	3521918	36.226	ng/ul	99
80) Fluoranthene	19.157	202	3678214	33.083	ng/ul#	88
82) Pyrene	19.510	202	3772560	33.599	ng/ul#	83
83) Butylbenzylphthalate	20.404	149	1618374	40.949	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.175	252	1329465	38.801	ng/ul	99
85) Benzo(a)anthracene	21.233	228	3758782	36.220	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.175	149	2377835	37.994	ng/ul#	97
87) Chrysene	21.286	228	3546301	35.661	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	4069319	39.174	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	4022357	36.959	ng/ul#	96
91) Benzo(k)fluoranthene	22.939	252	3875627	37.465	ng/ul#	95
93) Benzo(a)pyrene	23.510	252	3520907	33.257	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.074	276	4770015	37.339	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.098	278	3989055	36.403	ng/ul#	93
96) Benzo(g,h,i)perylene	26.827	276	3880354	35.708	ng/ul#	89

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

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