Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037979.D
Acq On : 12 Dec 2022 23:08
Operator : CG/JU
Sample : PB149541BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS541

Quant Time: Dec 13 00:59:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	203368	20.000	ng/ul	0.00
20) Naphthalene-d8	10.892	136	876957	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.704	164	535816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	992258	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	727536	20.000	ng/ul	0.00
88) Perylene-d12	24.091	264	758422	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	21463	4.792	ng/uL	0.00
4) Pyridine-d5	3.852	84	341686	25.716	ng/ul	0.00
7) Phenol-d5	7.228	99	449787	27.217	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	266573	26.491	ng/ul	0.00
11) 2-Chlorophenol-d4	7.598	132	387679	28.597	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	361088	27.992	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	195561	28.165	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.975	143	209020	28.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	405337	29.328	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.033	131	487696	25.564	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1099544	28.784	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1308315	28.023	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	150423	23.105	ng/ul	0.00
60) Fluorene-d10	15.692	176	955932	28.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	136172	25.668	ng/ul	0.00
73) Anthracene-d10	17.545	188	1303486	28.147	ng/ul	0.00
81) Pyrene-d10	19.827	212	1267232	28.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1124554	29.686	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	44398	9.449	ng/uL	94
5) Pyridine	3.869	79	321764	24.097	ng/ul	94
6) Benzaldehyde	7.204	77	218841	35.406	ng/ul	97
8) Phenol	7.257	94	462272	27.891	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.492	93	368489	27.075	ng/ul	99
12) 2-Chlorophenol	7.634	128	409811	29.558	ng/ul	98
13) 2-Methylphenol	8.516	108	360204	28.399	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.610	45	671233	27.313	ng/ul	99
16) Acetophenone	8.904	105	582753	28.724	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.892	70	282285	29.536	ng/ul	98
18) 4-Methylphenol	8.851	108	390008	28.424	ng/ul	97
19) Hexachloroethane	9.163	117	158780	28.646	ng/ul	96
22) Nitrobenzene	9.292	77	433046	28.986	ng/ul	100
23) Isophorone	9.822	82	780293	28.502	ng/ul	99
25) 2-Nitrophenol	10.004	139	226360	29.673	ng/ul	93
26) 2,4-Dimethylphenol	10.057	107	409896	27.786	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.298	93	497554	27.340	ng/ul	97
29) 2,4-Dichlorophenol	10.539	162	403795	29.779	ng/ul	99
30) Naphthalene	10.945	128	1349042	28.506	ng/ul	99
32) 4-Chloroaniline	11.057	127	410638	21.585	ng/ul	99
33) Hexachlorobutadiene	11.222	225	273451	30.655	ng/ul	100
34) Caprolactam	11.851	113	103172	29.661	ng/ul	92
35) 4-Chloro-3-methylphenol	12.169	107	371544	30.102	ng/ul	95
36) 2-Methylnaphthalene	12.545	142	907409	29.562	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	916569	29.203	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	506021	28.903	ng/ul	98
40) Hexachlorocyclopentadiene	12.880	237	132738	13.254	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	308737	28.951	ng/ul	98
42) 2,4,5-Trichlorophenol	13.216	196	328090	29.500	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1199685	27.855	ng/ul	99
44) 2-Chloronaphthalene	13.586	162	945167	28.447	ng/ul	99
45) 2-Nitroaniline	13.792	65	238931	29.845	ng/ul	99
47) Dimethylphthalate	14.157	163	1114174	29.562	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	222264	30.361	ng/ul	99
50) Acenaphthylene	14.427	152	1459017	28.420	ng/ul	99
51) 3-Nitroaniline	14.610	138	209736	28.715	ng/ul	97
52) Acenaphthene	14.768	153	1020884	28.751	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	79666	22.177	ng/ul	94
55) 4-Nitrophenol	14.910	109	114777	26.734	ng/ul	93
56) Dibenzofuran	15.098	168	1360807	28.070	ng/ul	98
57) 2,4-Dinitrotoluene	15.068	165	294031	29.658	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.321	232	266376	28.473	ng/ul	97
59) Diethylphthalate	15.515	149	1125653	29.981	ng/ul	98
61) Fluorene	15.745	166	1148962	29.062	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	575840	29.804	ng/ul	97
63) 4-Nitroaniline	15.768	138	204843	30.930	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.827	198	134433	26.176	ng/ul#	98
67) N-Nitrosodiphenylamine	15.951	169	913103	30.507	ng/ul	98
68) 4-Bromophenyl-phenylether	16.627	248	336569	30.943	ng/ul	98
69) Hexachlorobenzene	16.751	284	400961	30.882	ng/ul	98
70) Atrazine	16.898	200	160917	15.732	ng/ul	98
71) Pentachlorophenol	17.092	266	182179	25.237	ng/ul	97
72) Phenanthrene	17.486	178	1574923	29.065	ng/ul	100
74) Anthracene	17.580	178	1595809	28.979	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	496894	30.976	ng/uL	99
76) Pentachlorobenzene	15.021	250	481683	30.313	ng/uL	98
77) Carbazole	17.845	167	1285385	26.942	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1791223	31.586	ng/ul	100
80) Fluoranthene	19.492	202	1552667	30.103	ng/ul	99
82) Pyrene	19.856	202	1623371	30.242	ng/ul	99
83) Butylbenzylphthalate	20.733	149	587042	29.410	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	433805	30.133	ng/ul	99
85) Benzo(a)anthracene	21.597	228	1464075	29.891	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.503	149	875499	30.150	ng/ul	99
87) Chrysene	21.650	228	1360934	29.614	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	1399966	28.808	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1422592	30.256	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1403443	30.798	ng/ul	99
93) Benzo(a)pyrene	23.980	252	1270087	30.718	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.685	276	1412316	26.522	ng/ul	99
95) Dibenzo(a,h)anthracene	26.703	278	1270773	28.307	ng/ul	98
96) Benzo(g,h,i)perylene	27.485	276	1199553	28.214	ng/ul	96

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

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