Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018323.D
Acq On : 24 Nov 2023 11:34
Operator : MA/JU
Sample : 05264-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKV5DL

Quant Time: Nov 24 12:18:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	368493	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.663	136	1389338	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.504	164	754528	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1363029	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1240566	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1523337	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	12609	1.282	ng/uL	0.00
4) Pyridine-d5	3.681	84	163099	6.032	ng/ul	0.00
7) Phenol-d5	7.016	99	219462	6.517	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.193	67	139347	6.920	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.387	132	178258	6.304	ng/ul	-0.02
15) 4-Methylphenol-d8	8.569	113	149256	5.492	ng/ul	-0.02
21) Nitrobenzene-d5	9.022	128	76513	6.780	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.746	143	63993	6.140	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.281	165	154587	6.148	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.799	131	214152	6.315	ng/ul	-0.02
46) Dimethylphthalate-d6	13.916	166	459678	6.847	ng/ul	-0.02
49) Acenaphthylene-d8	14.193	160	536311	7.011	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.687	143	38815	4.188	ng/ul	-0.01
60) Fluorene-d10	15.492	176	401538	7.150	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.604	200	23205	3.999	ng/ul	-0.01
73) Anthracene-d10	17.351	188	507781	6.970	ng/ul	-0.01
81) Pyrene-d10	19.598	212	586338	5.939	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	602930	6.827	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	424	0.040	ng/uL#	31
5) Pyridine	3.717	79	1100	0.040	ng/ul#	1
6) Benzaldehyde	7.011	77	300	0.017	ng/ul#	17
8) Phenol	7.046	94	3014	0.091	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.287	93	432103	15.703	ng/ul	99
12) 2-Chlorophenol	7.469	128	44	0.002	ng/ul	90
13) 2-Methylphenol	8.293	108	30	0.001	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.405	45	241	0.006	ng/ul#	1
16) Acetophenone	8.687	105	195	0.005	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.669	70	106781	4.596	ng/ul	99
18) 4-Methylphenol	8.610	108	59	0.002	ng/ul	92
19) Hexachloroethane	8.946	117	137215	11.583	ng/ul	100
22) Nitrobenzene	9.063	77	364206	13.776	ng/ul	100
23) Isophorone	9.593	82	1562401	26.515	ng/ul	100
25) 2-Nitrophenol	9.740	139	138	0.012	ng/ul#	1
26) 2,4-Dimethylphenol	9.846	107	186	0.007	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.081	93	1069047	30.041	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	96	0.004	ng/ul#	1
30) Naphthalene	10.716	128	2011090	23.933	ng/ul	100
33) Hexachlorobutadiene	11.004	225	505780	30.790	ng/ul	99
34) Caprolactam	11.581	113	106	0.015	ng/ul#	78
35) 4-Chloro-3-methylphenol	11.934	107	23	0.001	ng/ul#	1
36) 2-Methylnaphthalene	12.328	142	723144	12.160	ng/ul	99
37) 1-Methylnaphthalene	12.546	142	9647	0.161	ng/ul#	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.687	216	606	0.023	ng/ul#	1
40) Hexachlorocyclopentadiene	12.675	237	241785	16.020	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	10	0.001	ng/ul#	67
42) 2,4,5-Trichlorophenol	13.004	196	24	0.001	ng/ul#	1
43) 1,1'-Biphenyl	13.340	154	146	0.002	ng/ul#	16
44) 2-Chloronaphthalene	13.375	162	1054171	20.260	ng/ul	99
45) 2-Nitroaniline	13.563	65	1393	0.124	ng/ul#	17
47) Dimethylphthalate	13.963	163	609181	9.273	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	30252	2.732	ng/ul	94
50) Acenaphthylene	14.222	152	669445	7.851	ng/ul	100
51) 3-Nitroaniline	14.404	138	18	0.002	ng/ul#	1
52) Acenaphthene	14.563	153	428	0.008	ng/ul#	89
53) 2,4-Dinitrophenol	14.610	184	17	0.004	ng/ul#	1
55) 4-Nitrophenol	14.710	109	67	0.010	ng/ul#	8
56) Dibenzofuran	14.898	168	4767	0.063	ng/ul	96
57) 2,4-Dinitrotoluene	14.857	165	333	0.022	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.134	232	15	0.001	ng/ul#	29
59) Diethylphthalate	15.334	149	608721	9.225	ng/ul	100
61) Fluorene	15.551	166	493817	7.951	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	1053506	33.406	ng/ul	100
63) 4-Nitroaniline	15.551	138	9769	0.941	ng/ul#	44
66) 4,6-Dinitro-2-methylph...	15.628	198	9	0.001	ng/ul#	1
67) N-Nitrosodiphenylamine	15.904	169	32	0.001	ng/ul	94
68) 4-Bromophenyl-phenylether	16.451	248	299963	17.431	ng/ul	98
69) Hexachlorobenzene	16.551	284	320397	16.654	ng/ul	100
70) Atrazine	16.704	200	39	0.003	ng/ul#	1
71) Pentachlorophenol	16.845	266	7	0.001	ng/ul	86
72) Phenanthrene	17.298	178	693365	8.363	ng/ul	100
74) Anthracene	17.386	178	759220	9.072	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	23	0.001	ng/uL#	48
76) Pentachlorobenzene	14.816	250	3996	0.176	ng/uL#	85
77) Carbazole	17.657	167	5811	0.086	ng/ul#	88
78) Di-n-butylphthalate	18.228	149	925669	9.816	ng/ul	100
80) Fluoranthene	19.269	202	2484	0.021	ng/ul#	76
82) Pyrene	19.622	202	3004	0.025	ng/ul#	85
83) Butylbenzylphthalate	20.527	149	1269	0.029	ng/ul#	66
84) 3,3'-Dichlorobenzidine	21.292	252	396	0.013	ng/ul#	49
86) Bis(2-ethylhexyl)phtha...	21.304	149	949	0.014	ng/ul#	82
87) Chrysene	21.398	228	767316	8.340	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	337891	3.013	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	655523	5.924	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1274302	11.569	ng/ul	100
93) Benzo(a)pyrene	23.686	252	722886	7.104	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.362	276	1228276	10.439	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	504196	5.234	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	188	0.002	ng/ul	98

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

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