Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018335.D
Acq On : 24 Nov 2023 19:34
Operator : MA/JU
Sample : 05264-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKS5

Quant Time: Nov 24 22:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	387519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1494020	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	788513	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1385134	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1265894	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1559329	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35850	3.465	ng/uL	0.00
4) Pyridine-d5	3.693	84	209406	7.365	ng/ul	0.00
7) Phenol-d5	7.028	99	157266	4.441	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	513887	24.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	515814	17.347	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	307954	10.775	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	310468	25.585	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	262288	23.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	580019	21.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	632308	17.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1825239	26.014	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2116207	26.471	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	27474	2.836	ng/ul	0.00
60) Fluorene-d10	15.492	176	1530291	26.076	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	108180	18.347	ng/ul	0.00
73) Anthracene-d10	17.345	188	1879012	25.380	ng/ul	0.00
81) Pyrene-d10	19.586	212	2387311	23.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	2699793	29.864	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	440	0.040	ng/uL#	31
5) Pyridine	3.699	79	475	0.017	ng/ul#	1
6) Benzaldehyde	7.010	77	532	0.028	ng/ul#	46
8) Phenol	7.057	94	5159	0.149	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	1326	0.046	ng/ul#	52
12) 2-Chlorophenol	7.428	128	97	0.003	ng/ul#	1
13) 2-Methylphenol	8.446	108	25	0.001	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	168	0.004	ng/ul#	1
16) Acetophenone	8.693	105	675	0.015	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.687	70	319	0.013	ng/ul#	68
18) 4-Methylphenol	8.646	108	95	0.003	ng/ul	84
19) Hexachloroethane	8.940	117	48	0.004	ng/ul#	14
22) Nitrobenzene	9.075	77	525	0.018	ng/ul#	58
23) Isophorone	9.598	82	213	0.003	ng/ul#	52
25) 2-Nitrophenol	9.798	139	56	0.004	ng/ul#	1
26) 2,4-Dimethylphenol	9.922	107	133	0.005	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	192	0.005	ng/ul#	1
29) 2,4-Dichlorophenol	10.310	162	206	0.008	ng/ul#	1
30) Naphthalene	10.722	128	636	0.007	ng/ul#	3
32) 4-Chloroaniline	10.828	127	244	0.007	ng/ul#	6
33) Hexachlorobutadiene	11.016	225	30	0.002	ng/ul#	1
34) Caprolactam	11.587	113	32	0.004	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.945	107	134	0.005	ng/ul#	54
36) 2-Methylnaphthalene	12.351	142	53	0.001	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	168	0.003	ng/ul#	68
39) 1,2,4,5-Tetrachloroben...	12.692	216	18	0.001	ng/ul#	1
40) Hexachlorocyclopentadiene	12.675	237	48	0.003	ng/ul	96
41) 2,4,6-Trichlorophenol	12.940	196	101	0.006	ng/ul#	15
42) 2,4,5-Trichlorophenol	13.004	196	66	0.004	ng/ul#	45
43) 1,1'-Biphenyl	13.328	154	21	0.000	ng/ul#	1
44) 2-Chloronaphthalene	13.545	162	19	0.000	ng/ul	93
45) 2-Nitroaniline	13.569	65	52	0.004	ng/ul#	51
47) Dimethylphthalate	13.957	163	399	0.006	ng/ul#	69
48) 2,6-Dinitrotoluene	14.086	165	168	0.015	ng/ul#	50
50) Acenaphthylene	14.222	152	304	0.003	ng/ul#	14
51) 3-Nitroaniline	14.381	138	221	0.019	ng/ul#	17
52) Acenaphthene	14.563	153	921	0.016	ng/ul#	75
53) 2,4-Dinitrophenol	14.586	184	8	0.002	ng/ul#	1
55) 4-Nitrophenol	14.710	109	1542	0.215	ng/ul#	14
56) Dibenzofuran	14.904	168	377	0.005	ng/ul#	73
57) 2,4-Dinitrotoluene	14.857	165	233	0.015	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.122	232	12	0.001	ng/ul#	1
59) Diethylphthalate	15.328	149	3980	0.058	ng/ul#	75
61) Fluorene	15.551	166	739	0.011	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.539	204	169	0.005	ng/ul#	52
63) 4-Nitroaniline	15.539	138	170	0.016	ng/ul#	38
66) 4,6-Dinitro-2-methylph...	15.598	198	480	0.073	ng/ul#	1
67) N-Nitrosodiphenylamine	15.763	169	395	0.008	ng/ul#	83
68) 4-Bromophenyl-phenylether	16.439	248	104	0.006	ng/ul#	1
69) Hexachlorobenzene	16.551	284	184	0.009	ng/ul#	28
70) Atrazine	16.716	200	16	0.001	ng/ul#	1
71) Pentachlorophenol	16.892	266	219	0.022	ng/ul#	58
72) Phenanthrene	17.292	178	1671	0.020	ng/ul#	79
74) Anthracene	17.380	178	1524	0.018	ng/ul#	65
75) 1,2,3,4-Tetrachloroben...	13.287	216	16	0.001	ng/uL#	43
76) Pentachlorobenzene	14.739	250	19	0.001	ng/uL	88
77) Carbazole	17.651	167	891	0.013	ng/ul#	58
78) Di-n-butylphthalate	18.216	149	4628	0.048	ng/ul#	95
80) Fluoranthene	19.257	202	3646	0.030	ng/ul#	52
82) Pyrene	19.610	202	2632	0.022	ng/ul#	59
83) Butylbenzylphthalate	20.516	149	339	0.008	ng/ul#	1
84) 3,3'-Dichlorobenzidine	21.286	252	928	0.030	ng/ul#	69
85) Benzo(a)anthracene	21.351	228	6522	0.063	ng/ul#	78
86) Bis(2-ethylhexyl)phtha...	21.292	149	8462	0.126	ng/ul	91
87) Chrysene	21.392	228	4421	0.047	ng/ul#	86
89) Di-n-octyl phthalate	22.245	149	296	0.003	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1293	0.011	ng/ul#	32
91) Benzo(k)fluoranthene	23.086	252	2813	0.025	ng/ul#	50
93) Benzo(a)pyrene	23.674	252	1631	0.016	ng/ul#	29
94) Indeno(1,2,3-cd)pyrene	26.333	276	1297	0.011	ng/ul#	70
95) Dibenzo(a,h)anthracene	26.374	278	1234	0.013	ng/ul#	79
96) Benzo(g,h,i)perylene	27.121	276	141	0.001	ng/ul#	82

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

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