Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018348.D
Acq On : 25 Nov 2023 02:56
Operator : MA/JU
Sample : 05264-12MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKS2MS

Quant Time: Nov 25 03:28:34 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	398683	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1476050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	747539	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1316929	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1301338	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1619257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	43582	4.094	ng/uL	0.00
4) Pyridine-d5	3.693	84	87340	2.986	ng/ul	0.00
7) Phenol-d5	7.028	99	265972	7.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	748604	34.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	810074	26.480	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	473560	16.105	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	480600	40.087	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	438846	39.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	899175	33.661	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	847018	23.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2433677	36.587	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	2898425	38.242	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	72378	7.882	ng/ul	0.00
60) Fluorene-d10	15.492	176	2066471	37.143	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	247121	44.081	ng/ul	0.00
73) Anthracene-d10	17.351	188	2702478	38.393	ng/ul	0.00
81) Pyrene-d10	19.586	212	3327176	32.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	3999701	42.606	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	59401	5.204	ng/uL#	90
5) Pyridine	3.711	79	122771	4.165	ng/ul	97
6) Benzaldehyde	7.005	77	705492	36.590	ng/ul	99
8) Phenol	7.058	94	307920	8.615	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.299	93	1120306	37.631	ng/ul	98
12) 2-Chlorophenol	7.428	128	879740	28.664	ng/ul	98
13) 2-Methylphenol	8.310	108	597698	21.470	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1443845	34.119	ng/ul	98
16) Acetophenone	8.693	105	1611023	35.806	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	750466	29.858	ng/ul	96
18) 4-Methylphenol	8.640	108	542194	18.239	ng/ul	99
19) Hexachloroethane	8.952	117	451673	35.240	ng/ul	98
22) Nitrobenzene	9.075	77	1133250	40.347	ng/ul	95
23) Isophorone	9.599	82	2118291	33.837	ng/ul	99
25) 2-Nitrophenol	9.781	139	528711	42.440	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	630772	22.552	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1414394	37.410	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	927530	36.249	ng/ul	98
30) Naphthalene	10.722	128	3451128	38.658	ng/ul	100
32) 4-Chloroaniline	10.828	127	841827	24.761	ng/ul	100
33) Hexachlorobutadiene	11.010	225	702800	40.271	ng/ul	98
34) Caprolactam	11.599	113	19316	2.620	ng/ul	92
35) 4-Chloro-3-methylphenol	11.951	107	754555	27.581	ng/ul	95
36) 2-Methylnaphthalene	12.328	142	2271288	35.949	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	2210936	34.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	1233275	46.712	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	567286	37.938	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	700128	44.157	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	734322	42.830	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	2864574	43.981	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2271846	44.071	ng/ul	98
45) 2-Nitroaniline	13.581	65	484993	43.724	ng/ul	92
47) Dimethylphthalate	13.963	163	2593254	39.845	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	489983	44.655	ng/ul	92
50) Acenaphthylene	14.222	152	3532119	41.809	ng/ul	99
51) 3-Nitroaniline	14.404	138	397489	36.460	ng/ul#	96
52) Acenaphthene	14.563	153	2295554	41.595	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	161737	42.250	ng/ul	97
55) 4-Nitrophenol	14.698	109	58446	8.591	ng/ul	97
56) Dibenzofuran	14.898	168	3124433	41.411	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	632392	42.649	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	540200	40.119	ng/ul	99
59) Diethylphthalate	15.334	149	2390892	36.570	ng/ul	99
61) Fluorene	15.551	166	2427546	39.454	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1261549	40.377	ng/ul	99
63) 4-Nitroaniline	15.569	138	415844	40.417	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	293435	47.194	ng/ul	100
67) N-Nitrosodiphenylamine	15.763	169	1966594	44.036	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	710998	42.762	ng/ul	96
69) Hexachlorobenzene	16.551	284	852891	45.884	ng/ul	94
70) Atrazine	16.716	200	462077	33.893	ng/ul	99
71) Pentachlorophenol	16.892	266	418978	43.868	ng/ul	100
72) Phenanthrene	17.292	178	3609401	45.060	ng/ul	100
74) Anthracene	17.386	178	3409208	42.164	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1211728	53.530	ng/uL	98
76) Pentachlorobenzene	14.816	250	1111012	50.527	ng/uL	99
77) Carbazole	17.657	167	3182187	48.579	ng/ul	100
78) Di-n-butylphthalate	18.222	149	3705297	40.666	ng/ul	100
80) Fluoranthene	19.263	202	4150183	33.543	ng/ul	99
82) Pyrene	19.616	202	4318156	34.658	ng/ul	99
83) Butylbenzylphthalate	20.510	149	1684483	36.534	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.280	252	1289730	40.977	ng/ul	98
85) Benzo(a)anthracene	21.339	228	4708157	44.393	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	2632530	38.055	ng/ul	99
87) Chrysene	21.392	228	4382389	45.409	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	4665746	39.139	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	5151420	43.799	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	5195424	44.373	ng/ul	99
93) Benzo(a)pyrene	23.686	252	4928562	45.566	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.362	276	6329633	50.609	ng/ul	98
95) Dibenzo(a,h)anthracene	26.404	278	5251114	51.286	ng/ul	99
96) Benzo(g,h,i)perylene	27.157	276	5160761	50.951	ng/ul	98

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

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