Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016561.D
Acq On : 14 Aug 2023 14:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020680

Quant Time: Aug 14 18:34:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	323517	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1475150	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	913443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2042302	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1981541	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2311037	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	73997	8.691	ng/uL	0.00
4) Pyridine-d5	3.834	84	543037	20.964	ng/ul	0.00
7) Phenol-d5	7.199	99	618312	20.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	409613	20.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	457955	21.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	490676	20.690	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	227250	21.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	220907	22.408	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	432822	22.310	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	700634	21.048	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1407237	21.300	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1633868	21.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	286194	21.264	ng/ul	0.00
60) Fluorene-d10	15.704	176	1196164	21.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	193655	19.932	ng/ul	0.00
73) Anthracene-d10	17.575	188	1881809	21.302	ng/ul	0.00
81) Pyrene-d10	19.804	212	2228919	21.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2350047	21.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	79634	8.507	ng/uL	98
5) Pyridine	3.852	79	561926	20.909	ng/ul	99
6) Benzaldehyde	7.211	77	403136	24.520	ng/ul	97
8) Phenol	7.222	94	659695	20.694	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	532682	20.686	ng/ul	99
12) 2-Chlorophenol	7.611	128	477180	21.170	ng/ul	100
13) 2-Methylphenol	8.493	108	480666	20.758	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	752153	20.958	ng/ul	99
16) Acetophenone	8.911	105	813652	21.246	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	432957	21.079	ng/ul	98
18) 4-Methylphenol	8.828	108	527681	20.735	ng/ul	98
19) Hexachloroethane	9.134	117	194592	20.663	ng/ul	95
22) Nitrobenzene	9.299	77	632779	21.777	ng/ul	99
23) Isophorone	9.816	82	1190017	21.683	ng/ul	98
25) 2-Nitrophenol	10.005	139	257433	22.842	ng/ul	98
26) 2,4-Dimethylphenol	10.040	107	578232	21.763	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.305	93	736212	20.927	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	437294	21.907	ng/ul	98
30) Naphthalene	10.946	128	1615133	20.956	ng/ul	100
32) 4-Chloroaniline	11.069	127	697244	21.148	ng/ul	99
33) Hexachlorobutadiene	11.181	225	257045	21.362	ng/ul	99
34) Caprolactam	11.875	113	164104	21.132	ng/ul	93
35) 4-Chloro-3-methylphenol	12.163	107	535963	21.967	ng/ul	99
36) 2-Methylnaphthalene	12.546	142	1094294	21.196	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	1102858	21.216	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.887	216	509770	20.865	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	296322	19.933	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	337693	22.209	ng/ul	97
42) 2,4,5-Trichlorophenol	13.204	196	363065	22.028	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	1418058	20.885	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	1099320	20.810	ng/ul	99
45) 2-Nitroaniline	13.816	65	360237	22.553	ng/ul	99
47) Dimethylphthalate	14.169	163	1413292	20.922	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	265849	22.721	ng/ul	98
50) Acenaphthylene	14.440	152	1883531	21.447	ng/ul	100
51) 3-Nitroaniline	14.646	138	298757	22.772	ng/ul	99
52) Acenaphthene	14.775	153	1230358	20.928	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	119765	18.387	ng/ul	97
55) 4-Nitrophenol	14.922	109	239762	21.913	ng/ul	98
56) Dibenzofuran	15.110	168	1674543	20.877	ng/ul	100
57) 2,4-Dinitrotoluene	15.087	165	402104	22.949	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	303812	22.000	ng/ul	98
59) Diethylphthalate	15.522	149	1473609	21.336	ng/ul	99
61) Fluorene	15.763	166	1385801	21.071	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	646211	20.931	ng/ul	99
63) 4-Nitroaniline	15.810	138	299616	23.864	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.840	198	222473	20.651	ng/ul	96
67) N-Nitrosodiphenylamine	15.975	169	1183309	21.375	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	385960	21.166	ng/ul	97
69) Hexachlorobenzene	16.740	284	443487	20.814	ng/ul	98
70) Atrazine	16.928	200	424030	21.290	ng/ul	99
71) Pentachlorophenol	17.098	266	267351	20.380	ng/ul	99
72) Phenanthrene	17.522	178	2237045	20.791	ng/ul	100
74) Anthracene	17.610	178	2274295	21.044	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.499	216	542383	20.897	ng/uL	97
76) Pentachlorobenzene	15.004	250	486101	20.874	ng/uL	98
77) Carbazole	17.887	167	2123789	21.324	ng/ul	99
78) Di-n-butylphthalate	18.404	149	2578728	22.367	ng/ul	100
80) Fluoranthene	19.481	202	2637756	21.286	ng/ul	99
82) Pyrene	19.833	202	2782821	21.266	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1189926	22.573	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	938991	21.761	ng/ul	100
85) Benzo(a)anthracene	21.557	228	2855752	21.444	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1752637	22.909	ng/ul	99
87) Chrysene	21.616	228	2617750	21.006	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	3001161	20.812	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2861971	20.798	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2783008	20.386	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2714873	20.915	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	3147198	20.543	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	2607585	20.453	ng/ul	100
96) Benzo(g,h,i)perylene	27.780	276	2493584	20.451	ng/ul	98

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

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