Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016047.D
Acq On : 06 Jul 2023 23:45
Operator : MA/JU
Sample : 03283-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

Quant Time: Jul 07 00:29:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	279400	20.000	ng/ul	0.00
20) Naphthalene-d8	10.846	136	1228625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	792688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1805244	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1746420	20.000	ng/ul	-0.01
88) Perylene-d12	24.074	264	1884626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	32503	4.185	ng/uL	0.00
4) Pyridine-d5	3.805	84	178430	9.115	ng/ul	0.00
7) Phenol-d5	7.222	99	165258	6.913	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	595513	40.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.557	132	534611	29.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	335907	17.787	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	384623	40.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	422112	38.518	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	689190	35.291	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	750815	29.929	ng/ul	-0.01
46) Dimethylphthalate-d6	14.087	166	2685652	43.834	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	2847023	41.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	32024	3.961	ng/ul	0.00
60) Fluorene-d10	15.669	176	2193673	43.483	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	488086	43.963	ng/ul	-0.01
73) Anthracene-d10	17.539	188	3531586	42.828	ng/ul	0.00
81) Pyrene-d10	19.769	212	4400826	38.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	4261394	44.824	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	160187	19.168	ng/uL	98
5) Pyridine	3.828	79	211322	10.319	ng/ul	98
6) Benzaldehyde	7.169	77	543968	56.281	ng/ul	95
8) Phenol	7.252	94	177587	7.159	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.446	93	734061	37.190	ng/ul	99
12) 2-Chlorophenol	7.593	128	523823	27.322	ng/ul	98
13) 2-Methylphenol	8.493	108	391073	20.879	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1058391	39.260	ng/ul	98
16) Acetophenone	8.869	105	1174719	37.840	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.840	70	650477	37.726	ng/ul	99
18) 4-Methylphenol	8.834	108	361919	17.984	ng/ul	99
19) Hexachloroethane	9.093	117	246439	27.831	ng/ul	97
22) Nitrobenzene	9.257	77	908702	34.462	ng/ul	94
23) Isophorone	9.781	82	1875630	37.171	ng/ul	98
25) 2-Nitrophenol	9.969	139	417172	35.869	ng/ul	91
26) 2,4-Dimethylphenol	10.034	107	509723	19.937	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.251	93	1098833	38.576	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	641026	33.017	ng/ul	99
30) Naphthalene	10.893	128	2239284	33.527	ng/ul	99
32) 4-Chloroaniline	11.040	127	830013	31.846	ng/ul	97
33) Hexachlorobutadiene	11.157	225	425317	29.008	ng/ul	99
34) Caprolactam	11.881	113	30345	5.110	ng/ul	93
35) 4-Chloro-3-methylphenol	12.169	107	670095	29.486	ng/ul	94
36) 2-Methylnaphthalene	12.504	142	1598597	36.358	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1644852	36.672	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	943307	36.112	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	199286	25.502	ng/ul	96
41) 2,4,6-Trichlorophenol	13.128	196	614252	37.209	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	669657	38.244	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	2280372	36.320	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1797709	36.346	ng/ul	97
45) 2-Nitroaniline	13.792	65	639855	41.114	ng/ul	91
47) Dimethylphthalate	14.134	163	2500996	39.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	548963	42.681	ng/ul	92
50) Acenaphthylene	14.398	152	2868310	37.796	ng/ul	100
51) 3-Nitroaniline	14.622	138	491816	48.761	ng/ul	96
52) Acenaphthene	14.739	153	1994240	37.895	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	275552	40.381	ng/ul#	82
55) 4-Nitrophenol	14.992	109	89605	10.694	ng/ul#	34
56) Dibenzofuran	15.075	168	2818502	38.581	ng/ul	96
57) 2,4-Dinitrotoluene	15.086	165	767209	43.772	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.316	232	635084	42.226	ng/ul	94
59) Diethylphthalate	15.486	149	2592990	40.411	ng/ul	98
61) Fluorene	15.728	166	2341699	39.519	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	1183607	39.037	ng/ul	93
63) 4-Nitroaniline	15.798	138	456615	66.146	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.857	198	457998	40.773	ng/ul	95
67) N-Nitrosodiphenylamine	15.934	169	2032138	37.602	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	812814	39.429	ng/ul	87
69) Hexachlorobenzene	16.739	284	1003891	41.272	ng/ul#	92
70) Atrazine	16.898	200	667934	32.288	ng/ul	97
71) Pentachlorophenol	17.104	266	467889	40.079	ng/ul	97
72) Phenanthrene	17.480	178	3926708	40.039	ng/ul	100
74) Anthracene	17.575	178	3919946	39.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	972763	33.115	ng/uL	99
76) Pentachlorobenzene	14.998	250	1068758	36.049	ng/uL	96
77) Carbazole	17.863	167	3676196	44.260	ng/ul	99
78) Di-n-butylphthalate	18.363	149	4604058	41.812	ng/ul	100
80) Fluoranthene	19.445	202	4876459	34.408	ng/ul	98
82) Pyrene	19.798	202	5012453	34.671	ng/ul#	94
83) Butylbenzylphthalate	20.639	149	2184710	37.041	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	1657252	41.978	ng/ul	98
85) Benzo(a)anthracene	21.516	228	4815416	39.197	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	3139410	38.731	ng/ul	99
87) Chrysene	21.574	228	4760315	40.841	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	5306953	38.531	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	4958306	40.945	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	4859348	39.717	ng/ul	98
93) Benzo(a)pyrene	23.957	252	4253261	40.197	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.762	276	5033953	35.045	ng/ul	96
95) Dibenzo(a,h)anthracene	26.762	278	4225300	35.812	ng/ul	98
96) Benzo(g,h,i)perylene	27.603	276	3979501	33.676	ng/ul	99

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

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