Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016151.D
Acq On : 10 Jul 2023 10:44
Operator : MA/JU
Sample : 03356-11MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW38MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 10 22:54:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	235527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	972060	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	584013	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.428	188	1231652	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1014388	20.000	ng/ul	-0.02
88) Perylene-d12	24.074	264	1010409	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	40386	6.169	ng/uL	0.00
4) Pyridine-d5	3.793	84	474920	28.780	ng/ul	0.00
7) Phenol-d5	7.193	99	760100	37.718	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	478346	38.367	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.540	132	583382	38.350	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	596479	37.468	ng/ul	-0.01
21) Nitrobenzene-d5	9.199	128	283932	38.220	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.922	143	327186	37.736	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.487	165	601395	38.924	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.004	131	726762	36.617	ng/ul	-0.02
46) Dimethylphthalate-d6	14.069	166	1763388	39.065	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	2010121	39.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	73296m	12.305	ng/ul	-0.04
60) Fluorene-d10	15.657	176	1485221	39.960	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	227786	30.073	ng/ul	-0.02
73) Anthracene-d10	17.528	188	2225407	39.556	ng/ul	-0.01
81) Pyrene-d10	19.763	212	2502949	37.788	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.898	264	2115851	41.512	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	97865	13.892	ng/uL	98
5) Pyridine	3.811	79	581890	33.707	ng/ul	99
6) Benzaldehyde	7.163	77	431539	52.966	ng/ul	96
8) Phenol	7.222	94	806665	38.574	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.428	93	657649	39.526	ng/ul	99
12) 2-Chlorophenol	7.575	128	620166	38.373	ng/ul	99
13) 2-Methylphenol	8.475	108	616301	39.033	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	984207	43.308	ng/ul	99
16) Acetophenone	8.857	105	996528	38.079	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.828	70	540752	37.204	ng/ul	97
18) 4-Methylphenol	8.816	108	655220	38.623	ng/ul	99
19) Hexachloroethane	9.075	117	275315	36.884	ng/ul	98
22) Nitrobenzene	9.240	77	797067	38.207	ng/ul	97
23) Isophorone	9.763	82	1507577	37.763	ng/ul	98
25) 2-Nitrophenol	9.957	139	359482	39.067	ng/ul	91
26) 2,4-Dimethylphenol	10.016	107	742943	36.728	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.240	93	920551	40.847	ng/ul	98
29) 2,4-Dichlorophenol	10.510	162	614134	39.981	ng/ul	98
30) Naphthalene	10.881	128	2039189	38.589	ng/ul	99
32) 4-Chloroaniline	11.028	127	685853	33.260	ng/ul	97
33) Hexachlorobutadiene	11.134	225	433140	37.339	ng/ul	99
34) Caprolactam	11.845	113	184797	39.330	ng/ul	94
35) 4-Chloro-3-methylphenol	12.163	107	662725	36.858	ng/ul	96
36) 2-Methylnaphthalene	12.492	142	1350420	38.820	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1360071	38.326	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	796891	41.407	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	218388	37.931	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	487623	40.092	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	522544	40.505	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	1841483	39.809	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	1448059	39.738	ng/ul	97
45) 2-Nitroaniline	13.787	65	447479	39.026	ng/ul	91
47) Dimethylphthalate	14.122	163	1825282	39.072	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	377674	39.856	ng/ul	95
50) Acenaphthylene	14.387	152	2207381	39.480	ng/ul	99
51) 3-Nitroaniline	14.628	138	328215	44.168	ng/ul	98
52) Acenaphthene	14.722	153	1529975	39.461	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	155637	30.957	ng/ul	83
55) 4-Nitrophenol	14.981	109	227294	36.821	ng/ul#	46
56) Dibenzofuran	15.063	168	2135182	39.671	ng/ul	96
57) 2,4-Dinitrotoluene	15.081	165	520686	40.322	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.310	232	444024	40.071	ng/ul	95
59) Diethylphthalate	15.475	149	1835592	38.829	ng/ul	97
61) Fluorene	15.716	166	1713337	39.246	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	889902	39.838	ng/ul	93
63) 4-Nitroaniline	15.804	138	299547m	58.897	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.857	198	280520	36.603	ng/ul	97
67) N-Nitrosodiphenylamine	15.922	169	1428014	38.729	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	576861	41.015	ng/ul#	87
69) Hexachlorobenzene	16.728	284	614197m	37.010	ng/ul	
70) Atrazine	16.886	200	411367	29.146	ng/ul	98
71) Pentachlorophenol	17.098	266	276602	34.727	ng/ul	95
72) Phenanthrene	17.469	178	2652362	39.641	ng/ul	99
74) Anthracene	17.569	178	2648713	39.396	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	809852	40.409	ng/uL	99
76) Pentachlorobenzene	14.981	250	1864154	92.161	ng/uL	99
77) Carbazole	17.857	167	2273707	40.124	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3158342	42.041	ng/ul	99
80) Fluoranthene	19.439	202	3026471	36.765	ng/ul	98
82) Pyrene	19.798	202	3089453	36.791	ng/ul	95
83) Butylbenzylphthalate	20.633	149	1309908	38.236	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	866355	37.781	ng/ul	100
85) Benzo(a)anthracene	21.510	228	2701906	37.864	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	1873702	39.797	ng/ul	99
87) Chrysene	21.568	228	2756763	40.720	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2873017	38.908	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	2609139	40.188	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2655122	40.477	ng/ul	98
93) Benzo(a)pyrene	23.957	252	2278911	40.172	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	2857760	37.108	ng/ul	97
95) Dibenzo(a,h)anthracene	26.751	278	2340169	36.996	ng/ul	97
96) Benzo(g,h,i)perylene	27.598	276	2316538	36.564	ng/ul	98

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

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