Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
Data File : BP015497.D
Acq On : 13 Jun 2023 15:35
Operator : MA/JU
Sample : 03078-15MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ESQY0MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 00:51:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	173675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	835005	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	552583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1263781	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1211634	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1345045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	15627	3.332	ng/uL	0.00
4) Pyridine-d5	3.881	84	14648m	1.202	ng/ul	0.04
7) Phenol-d5	7.246	99	284630	17.789	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	183934	19.249	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	228329	19.683	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	240804	18.338	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	122555	18.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	145524	19.438	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	262287	19.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	214073	10.921	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	892298	20.478	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	972956	20.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	137788	17.658	ng/ul	0.00
60) Fluorene-d10	15.728	176	740681	20.157	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	146686	18.322	ng/ul	0.00
73) Anthracene-d10	17.592	188	1203085	20.923	ng/ul	0.00
81) Pyrene-d10	19.816	212	1524464	23.508	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1513342	22.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	34906	7.046	ng/uL	87
5) Pyridine	3.916	79	7543m	0.597	ng/ul	
6) Benzaldehyde	7.222	77	198740m	32.497	ng/ul	
8) Phenol	7.275	94	328791	19.918	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.510	93	253748	19.443	ng/ul	98
12) 2-Chlorophenol	7.652	128	239632	19.551	ng/ul	98
13) 2-Methylphenol	8.540	108	232497	18.306	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.622	45	356830	20.632	ng/ul	99
16) Acetophenone	8.928	105	517181	24.679	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.904	70	223233	19.736	ng/ul	98
18) 4-Methylphenol	8.869	108	267010	19.108	ng/ul	100
19) Hexachloroethane	9.181	117	104963	20.266	ng/ul	100
22) Nitrobenzene	9.310	77	341471	19.641	ng/ul	98
23) Isophorone	9.840	82	663892	19.076	ng/ul	100
25) 2-Nitrophenol	10.028	139	159371	19.717	ng/ul	98
26) 2,4-Dimethylphenol	10.081	107	187589	10.944	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.322	93	390293	19.290	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	270302	19.907	ng/ul	96
30) Naphthalene	10.969	128	874540	19.328	ng/ul	99
32) 4-Chloroaniline	11.087	127	311610	15.363	ng/ul	100
33) Hexachlorobutadiene	11.245	225	180806	19.745	ng/ul	98
34) Caprolactam	11.863	113	91173	17.837	ng/ul	92
35) 4-Chloro-3-methylphenol	12.198	107	316867	19.260	ng/ul	99
36) 2-Methylnaphthalene	12.569	142	620445	19.505	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	629096	19.643	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	350454	20.367	ng/ul	98
40) Hexachlorocyclopentadiene	12.904	237	99570	14.117	ng/ul	100
41) 2,4,6-Trichlorophenol	13.175	196	234245	20.454	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	258222	20.691	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	862249	20.177	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	678310	20.231	ng/ul	99
45) 2-Nitroaniline	13.822	65	227055	21.160	ng/ul	97
47) Dimethylphthalate	14.186	163	903956	20.092	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	187222	20.312	ng/ul	99
50) Acenaphthylene	14.457	152	1049400	19.888	ng/ul	100
51) 3-Nitroaniline	14.645	138	172927	22.726	ng/ul	96
52) Acenaphthene	14.798	153	735899	20.176	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	94119	16.974	ng/ul	95
55) 4-Nitrophenol	14.951	109	139564	18.542	ng/ul	97
56) Dibenzofuran	15.134	168	1035894	20.039	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	283275	20.895	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	235867	20.932	ng/ul	96
59) Diethylphthalate	15.545	149	967623	20.985	ng/ul	99
61) Fluorene	15.786	166	852208	20.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.775	204	432022	20.341	ng/ul	98
63) 4-Nitroaniline	15.810	138	180111	24.955	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	161949	19.833	ng/ul#	96
67) N-Nitrosodiphenylamine	15.986	169	737707	20.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	283183	20.945	ng/ul	97
69) Hexachlorobenzene	16.792	284	338102	21.200	ng/ul	96
70) Atrazine	16.945	200	309968	21.650	ng/ul	100
71) Pentachlorophenol	17.139	266	190017	21.080	ng/ul	99
72) Phenanthrene	17.533	178	1489354	21.961	ng/ul	99
74) Anthracene	17.627	178	1431774	20.807	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	354929	20.349	ng/uL	99
76) Pentachlorobenzene	15.051	250	368587	20.184	ng/uL	96
77) Carbazole	17.898	167	1354322	21.858	ng/ul	100
78) Di-n-butylphthalate	18.422	149	1829754	23.276	ng/ul	99
80) Fluoranthene	19.486	202	1955415	24.755	ng/ul	99
82) Pyrene	19.845	202	1980777	24.238	ng/ul	99
83) Butylbenzylphthalate	20.698	149	906442	25.095	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	508952	17.780	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1929432	22.779	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1495546	28.012	ng/ul	99
87) Chrysene	21.616	228	1839385	22.974	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	2337636	26.444	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1990787	22.929	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1926000	22.948	ng/ul	99
93) Benzo(a)pyrene	24.009	252	1665996	22.009	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	2008185	20.499	ng/ul	98
95) Dibenzo(a,h)anthracene	26.839	278	1645159	20.613	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	1296781	16.063	ng/ul	99

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

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