Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016138.D
Acq On : 09 Jul 2023 18:29
Operator : MA/JU
Sample : PB153810BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS810

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 10 01:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	375758	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.828	136	1624736	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.657	164	974794	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.428	188	1969064	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.527	240	1382116	20.000	ng/ul	#-0.01
88) Perylene-d12	24.068	264	1401431	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	44364	4.248	ng/uL	0.00
4) Pyridine-d5	3.793	84	509974	19.371	ng/ul	-0.01
7) Phenol-d5	7.193	99	657780	20.459	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	449794	22.613	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.540	132	528113	21.760	ng/ul	-0.02
15) 4-Methylphenol-d8	8.752	113	526846	20.743	ng/ul	-0.02
21) Nitrobenzene-d5	9.199	128	255550	20.581	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.928	143	284971	19.664	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.487	165	499249	19.332	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.004	131	655182	19.750	ng/ul	-0.02
46) Dimethylphthalate-d6	14.075	166	1535630	20.382	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1745783	20.612	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.951	143	83567	8.405	ng/ul	-0.01
60) Fluorene-d10	15.657	176	1232242	19.863	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.839	200	220070	18.173	ng/ul	-0.01
73) Anthracene-d10	17.533	188	1816298	20.194	ng/ul	-0.01
81) Pyrene-d10	19.769	212	1876089	20.788	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1451586	20.533	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	87795	7.811	ng/uL	98
5) Pyridine	3.811	79	494108	17.940	ng/ul	96
6) Benzaldehyde	7.169	77	361598	27.819	ng/ul	98
8) Phenol	7.222	94	709616	21.269	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.434	93	581792	21.917	ng/ul	97
12) 2-Chlorophenol	7.575	128	527653	20.464	ng/ul	97
13) 2-Methylphenol	8.475	108	531885	21.115	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	886499	24.451	ng/ul	98
16) Acetophenone	8.857	105	846570	20.277	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.828	70	477792	20.605	ng/ul	97
18) 4-Methylphenol	8.822	108	558354	20.630	ng/ul	98
19) Hexachloroethane	9.075	117	240226	20.173	ng/ul	88
22) Nitrobenzene	9.246	77	707126	20.279	ng/ul	98
23) Isophorone	9.763	82	1331833	19.959	ng/ul	98
25) 2-Nitrophenol	9.963	139	302571	19.673	ng/ul	93
26) 2,4-Dimethylphenol	10.022	107	614876	18.186	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.246	93	811092	21.532	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	494978	19.279	ng/ul	99
30) Naphthalene	10.881	128	1744161	19.747	ng/ul	100
32) 4-Chloroaniline	11.034	127	551722	16.007	ng/ul	99
33) Hexachlorobutadiene	11.140	225	327986	16.916	ng/ul	99
34) Caprolactam	11.851	113	154917	19.726	ng/ul	92
35) 4-Chloro-3-methylphenol	12.169	107	573644	19.088	ng/ul	97
36) 2-Methylnaphthalene	12.498	142	1138231	19.576	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1161219	19.577	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.863	216	606346	18.876	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	164915	17.161	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	364026	17.932	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	393185	18.260	ng/ul	99
43) 1,1'-Biphenyl	13.493	154	1538989	19.933	ng/ul#	96
44) 2-Chloronaphthalene	13.545	162	1200824	19.743	ng/ul	98
45) 2-Nitroaniline	13.787	65	397787	20.785	ng/ul	98
47) Dimethylphthalate	14.122	163	1516400	19.447	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	310468	19.629	ng/ul	98
50) Acenaphthylene	14.387	152	1859774	19.928	ng/ul	99
51) 3-Nitroaniline	14.628	138	277146	22.345	ng/ul	94
52) Acenaphthene	14.722	153	1283470	19.833	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	122835	14.638	ng/ul	93
55) 4-Nitrophenol	14.981	109	158217	15.356	ng/ul	81
56) Dibenzofuran	15.069	168	1775777	19.767	ng/ul	96
57) 2,4-Dinitrotoluene	15.087	165	426552	19.790	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.316	232	302545	16.358	ng/ul	99
59) Diethylphthalate	15.475	149	1542838	19.553	ng/ul	99
61) Fluorene	15.716	166	1410804	19.361	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	691936	18.558	ng/ul	96
63) 4-Nitroaniline	15.810	138	239442	28.206	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.857	198	220319	17.982	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1166169	19.783	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	420122	18.684	ng/ul	93
69) Hexachlorobenzene	16.728	284	481542	18.150	ng/ul	97
70) Atrazine	16.898	200	126829	5.621	ng/ul	99
71) Pentachlorophenol	17.104	266	174481	13.702	ng/ul	95
72) Phenanthrene	17.469	178	2142076	20.025	ng/ul	99
74) Anthracene	17.569	178	2123998	19.761	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	605584	18.900	ng/uL	99
76) Pentachlorobenzene	14.987	250	596941	18.460	ng/uL	99
77) Carbazole	17.863	167	1824840	20.143	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2498790	20.805	ng/ul	99
80) Fluoranthene	19.439	202	2238568	19.958	ng/ul#	93
82) Pyrene	19.798	202	2305220	20.148	ng/ul#	90
83) Butylbenzylphthalate	20.639	149	968469	20.748	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	592308	18.958	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1859585	19.127	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1327820	20.699	ng/ul	100
87) Chrysene	21.569	228	1899739	20.595	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	2058659	20.101	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1702751m	18.909	ng/ul	
91) Benzo(k)fluoranthene	23.333	252	1804090	19.829	ng/ul#	98
93) Benzo(a)pyrene	23.957	252	1543154	19.612	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.756	276	1925383	18.026	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.756	278	1597525	18.209	ng/ul#	96
96) Benzo(g,h,i)perylene	27.598	276	1612575	18.351	ng/ul#	94

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

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