Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016105.D
Acq On : 08 Jul 2023 22:40
Operator : MA/JU
Sample : PB153818BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS818

Manual Integrations APPROVED

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

Quant Time: Jul 09 00:17:41 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	8.016	152	240774	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.834	136	1100010	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.663	164	720826	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.428	188	1617247	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.528	240	1486255	20.000	ng/ul	-0.01
88) Perylene-d12	24.069	264	1532138	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30908	4.619	ng/uL	0.00
4) Pyridine-d5	3.793	84	432869	25.660	ng/ul	-0.01
7) Phenol-d5	7.199	99	615823	29.893	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.346	67	402799	31.604	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.546	132	458051	29.455	ng/ul	-0.02
15) 4-Methylphenol-d8	8.758	113	492380	30.255	ng/ul	-0.01
21) Nitrobenzene-d5	9.205	128	234450	27.889	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.934	143	270224	27.541	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	482492	27.596	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	644987	28.717	ng/ul	-0.01
46) Dimethylphthalate-d6	14.075	166	1628201	29.224	ng/ul	-0.01
49) Acenaphthylene-d8	14.363	160	1784824	28.498	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.951	143	134785	18.332	ng/ul	-0.01
60) Fluorene-d10	15.663	176	1344229	29.302	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.840	200	267207	26.866	ng/ul	-0.01
73) Anthracene-d10	17.534	188	2148615	29.085	ng/ul	-0.01
81) Pyrene-d10	19.769	212	2534760	26.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	2307350	29.854	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	65772	9.133	ng/uL	98
5) Pyridine	3.811	79	413273	23.418	ng/ul	96
6) Benzaldehyde	7.169	77	333358	40.024	ng/ul	98
8) Phenol	7.228	94	595745	27.867	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.440	93	495397	29.125	ng/ul	98
12) 2-Chlorophenol	7.581	128	451779	27.345	ng/ul	97
13) 2-Methylphenol	8.481	108	463074	28.690	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	772822m	33.266	ng/ul	
16) Acetophenone	8.863	105	768322	28.719	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.834	70	433193	29.155	ng/ul	97
18) 4-Methylphenol	8.828	108	502651	28.984	ng/ul	98
19) Hexachloroethane	9.081	117	202809	26.578	ng/ul	88
22) Nitrobenzene	9.252	77	624901	26.470	ng/ul	96
23) Isophorone	9.769	82	1251523	27.703	ng/ul	98
25) 2-Nitrophenol	9.969	139	274218	26.334	ng/ul#	92
26) 2,4-Dimethylphenol	10.028	107	544297	23.778	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.252	93	727784	28.537	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	455909	26.228	ng/ul	99
30) Naphthalene	10.887	128	1556886	26.035	ng/ul	99
32) 4-Chloroaniline	11.040	127	536501	22.991	ng/ul	99
33) Hexachlorobutadiene	11.146	225	284034	21.637	ng/ul	99
34) Caprolactam	11.852	113	171655m	32.284	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	565572	27.796	ng/ul	98
36) 2-Methylnaphthalene	12.504	142	1056764	26.845	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	1081121	26.922	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.875	216	562545	23.682	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	129840	18.271	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	371528	24.749	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	398621	25.035	ng/ul	99
43) 1,1'-Biphenyl	13.499	154	1470031	25.748	ng/ul#	97
44) 2-Chloronaphthalene	13.551	162	1148089	25.526	ng/ul	98
45) 2-Nitroaniline	13.793	65	408332	28.853	ng/ul	95
47) Dimethylphthalate	14.122	163	1575072	27.317	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	322657	27.587	ng/ul	99
50) Acenaphthylene	14.393	152	1844172	26.723	ng/ul	99
51) 3-Nitroaniline	14.628	138	313977	34.233	ng/ul	93
52) Acenaphthene	14.728	153	1287347	26.901	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	144841	23.342	ng/ul	87
55) 4-Nitrophenol	14.987	109	231486	30.383	ng/ul#	45
56) Dibenzofuran	15.075	168	1790743	26.957	ng/ul	97
57) 2,4-Dinitrotoluene	15.087	165	467737	29.347	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.316	232	350725	25.644	ng/ul	99
59) Diethylphthalate	15.481	149	1642849	28.156	ng/ul	99
61) Fluorene	15.722	166	1472467	27.327	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	718145	26.047	ng/ul	96
63) 4-Nitroaniline	15.804	138	301157m	47.975	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.857	198	252836	25.125	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1260458	26.034	ng/ul	98
68) 4-Bromophenyl-phenylether	16.604	248	450170	24.376	ng/ul	92
69) Hexachlorobenzene	16.728	284	527708	24.217	ng/ul	96
70) Atrazine	16.892	200	354431	19.125	ng/ul	98
71) Pentachlorophenol	17.104	266	234010	22.375	ng/ul	99
72) Phenanthrene	17.475	178	2412445	27.458	ng/ul	100
74) Anthracene	17.569	178	2430925	27.536	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	586262	22.278	ng/uL	99
76) Pentachlorobenzene	14.987	250	1384234	52.118	ng/uL	98
77) Carbazole	17.863	167	2200325	29.571	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2976793	30.177	ng/ul	100
80) Fluoranthene	19.439	202	2892723	23.983	ng/ul#	93
82) Pyrene	19.798	202	2972227	24.158	ng/ul#	91
83) Butylbenzylphthalate	20.639	149	1389270	27.678	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	945355	28.137	ng/ul	98
85) Benzo(a)anthracene	21.510	228	2739613	26.204	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2068674	29.988	ng/ul	100
87) Chrysene	21.569	228	2791755	28.145	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	3481814	31.096	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2705112	27.478	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	2715669	27.302	ng/ul#	97
93) Benzo(a)pyrene	23.951	252	2362324	27.462	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.751	276	2669573	22.861	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.751	278	2181486	22.743	ng/ul#	95
96) Benzo(g,h,i)perylene	27.592	276	2061642	21.460	ng/ul#	95

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

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