Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016279.D
Acq On : 18 Jul 2023 06:17
Operator : MA/JU
Sample : PB154017BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS017

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 07:03:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	337750	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.763	136	1522069	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.598	164	963040	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	2177807	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	2019044	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	2168901	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	58746	6.155	ng/uL	0.00
4) Pyridine-d5	3.722	84	828796	34.817	ng/ul	-0.02
7) Phenol-d5	7.122	99	1200742	39.359	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	7.275	67	725723	35.180	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.475	132	858350	38.976	ng/ul	-0.02
15) 4-Methylphenol-d8	8.687	113	925803	37.672	ng/ul	-0.02
21) Nitrobenzene-d5	9.134	128	439654	41.869	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.857	143	506107	42.288	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.404	165	907911	43.808	ng/ul	-0.04
31) 4-Chloroaniline-d4	10.928	131	1218950	36.694	ng/ul	-0.03
46) Dimethylphthalate-d6	14.022	166	2813934	38.305	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	3175964	39.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	657293m	43.842	ng/ul	-0.06
60) Fluorene-d10	15.598	176	2359456	38.377	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.775	200	525815	41.824	ng/ul	-0.02
73) Anthracene-d10	17.469	188	3793343	39.820	ng/ul	-0.01
81) Pyrene-d10	19.704	212	4578250	43.699	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.792	264	4369919	41.955	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	154847	14.790	ng/uL	96
5) Pyridine	3.740	79	970547	39.805	ng/ul	95
6) Benzaldehyde	7.099	77	815568	42.814	ng/ul	96
8) Phenol	7.152	94	1394862	42.653	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	1048578	39.427	ng/ul	98
12) 2-Chlorophenol	7.510	128	985866	43.146	ng/ul	98
13) 2-Methylphenol	8.410	108	1018502	41.379	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1601685m	37.108	ng/ul	
16) Acetophenone	8.793	105	1652048	40.766	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	923679	42.514	ng/ul	97
18) 4-Methylphenol	8.752	108	1128978	41.944	ng/ul	100
19) Hexachloroethane	9.010	117	413173	39.664	ng/ul	96
22) Nitrobenzene	9.175	77	1357917	44.508	ng/ul	99
23) Isophorone	9.704	82	2634139	43.557	ng/ul	100
25) 2-Nitrophenol	9.893	139	602765	46.876	ng/ul	97
26) 2,4-Dimethylphenol	9.951	107	1102167	38.977	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	1569266	44.564	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	1002337	47.035	ng/ul	98
30) Naphthalene	10.810	128	3257477	40.781	ng/ul	99
32) 4-Chloroaniline	10.957	127	1389854	42.067	ng/ul	99
33) Hexachlorobutadiene	11.075	225	571063	39.455	ng/ul	99
34) Caprolactam	11.781	113	296391m	38.418	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	1240246	47.161	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	2248665	41.987	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	2266410	41.148	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	1204106	43.900	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	373142	34.654	ng/ul	94
41) 2,4,6-Trichlorophenol	13.057	196	829790	47.885	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	935672	50.787	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	3069489	43.694	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	2428979	44.009	ng/ul	99
45) 2-Nitroaniline	13.722	65	939134	52.212	ng/ul	99
47) Dimethylphthalate	14.069	163	3205828	43.207	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	712303	50.923	ng/ul	98
50) Acenaphthylene	14.328	152	3849652	41.633	ng/ul	99
51) 3-Nitroaniline	14.551	138	730348	51.417	ng/ul	95
52) Acenaphthene	14.669	153	2644726	42.289	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	396211	40.470	ng/ul	97
55) 4-Nitrophenol	14.881	109	554831	48.630	ng/ul#	75
56) Dibenzofuran	15.004	168	3646303	42.805	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	1008128	48.857	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.245	232	792426	47.394	ng/ul	99
59) Diethylphthalate	15.428	149	3304510	42.828	ng/ul	100
61) Fluorene	15.657	166	2967915	41.707	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1429363	41.531	ng/ul	97
63) 4-Nitroaniline	15.734	138	706550	54.161	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.786	198	586698	44.649	ng/ul#	96
67) N-Nitrosodiphenylamine	15.869	169	2600233	45.045	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	940960	45.465	ng/ul	98
69) Hexachlorobenzene	16.669	284	1093373	43.868	ng/ul	99
70) Atrazine	16.833	200	937242	40.945	ng/ul	98
71) Pentachlorophenol	17.028	266	586745	46.945	ng/ul	98
72) Phenanthrene	17.410	178	4939163	43.527	ng/ul	100
74) Anthracene	17.504	178	5031875	44.131	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	1196441	41.848	ng/uL	100
76) Pentachlorobenzene	14.922	250	1212998	44.948	ng/uL	99
77) Carbazole	17.792	167	4805597	46.226	ng/ul	99
78) Di-n-butylphthalate	18.304	149	5905217	45.345	ng/ul	100
80) Fluoranthene	19.380	202	6020993	49.146	ng/ul	99
82) Pyrene	19.733	202	6297895	48.148	ng/ul	99
83) Butylbenzylphthalate	20.586	149	2896617	51.348	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	2167480	45.945	ng/ul	100
85) Benzo(a)anthracene	21.451	228	5900777	44.880	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.333	149	4120312	48.894	ng/ul	99
87) Chrysene	21.504	228	5804814	43.582	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	7218897	53.137	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	6007678	48.492	ng/ul	98
91) Benzo(k)fluoranthene	23.239	252	6014407	47.704	ng/ul	99
93) Benzo(a)pyrene	23.845	252	5269091	42.932	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	6034748	39.709	ng/ul	99
95) Dibenzo(a,h)anthracene	26.586	278	5004443	40.370	ng/ul	98
96) Benzo(g,h,i)perylene	27.398	276	4865449	40.109	ng/ul	99

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

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