Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011209.D
Acq On : 01 Aug 2022 20:30
Operator : CG/JU
Sample : PB146356BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS356

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

Quant Time: Aug 01 23:01:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 16:05:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	240477	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1082766	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	605162	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1245763	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	1124213	20.000	ng/ul	# 0.00
88) Perylene-d12	23.563	264	1194817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	23936m	4.558	ng/uL	0.00
4) Pyridine-d5	3.558	84	358166	24.110	ng/ul	0.00
7) Phenol-d5	6.834	99	824946	39.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	542442	36.548	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	659451	39.867	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	658214	38.335	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	326738	38.829	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	332862	41.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	565543	39.813	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	864874	37.557	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1628221	39.491	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	2077710	40.101	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	339097	45.723	ng/ul	0.02
60) Fluorene-d10	15.322	176	1386332	40.014	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	238258	37.940	ng/ul	0.01
73) Anthracene-d10	17.186	188	2074772	37.798	ng/ul	0.00
81) Pyrene-d10	19.445	212	2378157	39.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	2310537	38.933	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	50994	9.382	ng/uL#	77
5) Pyridine	3.581	79	385762	25.173	ng/ul#	71
6) Benzaldehyde	6.799	77	598204	59.082	ng/ul	96
8) Phenol	6.863	94	905805	40.224	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.087	93	719095	39.385	ng/ul	95
12) 2-Chlorophenol	7.216	128	716169	41.644	ng/ul	98
13) 2-Methylphenol	8.105	108	681960	40.859	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1213499m	39.682	ng/ul	
16) Acetophenone	8.481	105	1112944	41.670	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.469	70	569612	40.344	ng/ul	99
18) 4-Methylphenol	8.440	108	739832	41.159	ng/ul	100
19) Hexachloroethane	8.716	117	308247	39.902	ng/ul#	75
22) Nitrobenzene	8.857	77	907649	41.953	ng/ul	96
23) Isophorone	9.387	82	1637629	41.835	ng/ul	97
25) 2-Nitrophenol	9.563	139	387643	42.799	ng/ul	90
26) 2,4-Dimethylphenol	9.634	107	751744	38.636	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	974904	39.639	ng/ul	98
29) 2,4-Dichlorophenol	10.099	162	604858	41.172	ng/ul	98
30) Naphthalene	10.493	128	2300032	40.376	ng/ul	100
32) 4-Chloroaniline	10.616	127	917919	40.116	ng/ul	99
33) Hexachlorobutadiene	10.769	225	344094	38.349	ng/ul	97
34) Caprolactam	11.428	113	228493m	46.766	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	747260	45.364	ng/ul	98
36) 2-Methylnaphthalene	12.116	142	1457478	40.431	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	1460371	40.438	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	636011	37.775	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	278889	25.125	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	437159	41.349	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	478574	42.760	ng/ul	98
43) 1,1'-Biphenyl	13.146	154	1857855	38.423	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	1422267	39.345	ng/ul	95
45) 2-Nitroaniline	13.404	65	503936	47.967	ng/ul	92
47) Dimethylphthalate	13.787	163	1756665	42.305	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	353469	48.717	ng/ul	95
50) Acenaphthylene	14.034	152	2284740	39.473	ng/ul	99
51) 3-Nitroaniline	14.240	138	421874	53.839	ng/ul	98
52) Acenaphthene	14.381	153	1558655	41.226	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	175061	42.782	ng/ul	95
55) 4-Nitrophenol	14.563	109	305320	47.912	ng/ul#	79
56) Dibenzofuran	14.722	168	2056972	40.026	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	526551	52.015	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.951	232	381900	46.927	ng/ul#	78
59) Diethylphthalate	15.163	149	1861386	44.851	ng/ul	97
61) Fluorene	15.375	166	1704998	42.667	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	734960	40.411	ng/ul#	89
63) 4-Nitroaniline	15.416	138	447803m	67.219	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	259246	40.648	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	1434123	37.460	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	449269	37.582	ng/ul#	88
69) Hexachlorobenzene	16.387	284	513983	37.585	ng/ul#	91
70) Atrazine	16.569	200	446402	37.079	ng/ul	96
71) Pentachlorophenol	16.739	266	308790	39.329	ng/ul	99
72) Phenanthrene	17.134	178	2688106	39.428	ng/ul	98
74) Anthracene	17.222	178	2690828	39.894	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	664670	30.949	ng/uL	97
76) Pentachlorobenzene	14.634	250	599752	33.883	ng/uL	99
77) Carbazole	17.504	167	2591245	43.363	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3373384	47.206	ng/ul	99
80) Fluoranthene	19.122	202	3083934	41.328	ng/ul#	87
82) Pyrene	19.475	202	3143890	41.000	ng/ul#	81
83) Butylbenzylphthalate	20.369	149	1622810	52.851	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.139	252	989915	50.484	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	2963223	42.401	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	2388960	51.479	ng/ul#	95
87) Chrysene	21.251	228	2772910	39.912	ng/ul	98
89) Di-n-octyl phthalate	22.045	149	4225780	51.459	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	3039147	40.349	ng/ul#	95
91) Benzo(k)fluoranthene	22.898	252	3011695	42.129	ng/ul#	95
93) Benzo(a)pyrene	23.463	252	2733538	37.206	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.998	276	3673676	40.586	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.015	278	3030127	39.030	ng/ul#	91
96) Benzo(g,h,i)perylene	26.745	276	3003554	38.367	ng/ul#	88

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

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