Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011981.D
Acq On : 06 Oct 2022 21:28
Operator : CG/JU
Sample : PB148077BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS077

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 06 23:08:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 05 23:18:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	262766	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	1081533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	643375	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1321695	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	1324539	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1357393	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29673	4.980	ng/uL	0.00
4) Pyridine-d5	3.717	84	382887	21.940	ng/ul	0.00
7) Phenol-d5	7.040	99	516053	22.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	295154	23.473	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.405	132	425221	23.746	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	397617	21.204	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	198698	24.120	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	207603	23.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	394811	24.218	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	533777	21.477	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1077674	23.424	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1284373	24.488	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	223991	23.510	ng/ul	0.00
60) Fluorene-d10	15.516	176	964938	24.150	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	175651	21.957	ng/ul	0.00
73) Anthracene-d10	17.381	188	1494997	24.831	ng/ul	0.00
81) Pyrene-d10	19.616	212	1719077	25.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1735232	25.537	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	65668	10.205	ng/uL	93
5) Pyridine	3.740	79	400906	23.669	ng/ul	98
6) Benzaldehyde	7.016	77	316066m	31.807	ng/ul	
8) Phenol	7.069	94	550452	23.395	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	432791	23.117	ng/ul	99
12) 2-Chlorophenol	7.440	128	459292	23.991	ng/ul	98
13) 2-Methylphenol	8.322	108	408044	22.012	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	439676	23.822	ng/ul	98
16) Acetophenone	8.705	105	624890	21.857	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.693	70	285134	21.189	ng/ul	98
18) 4-Methylphenol	8.652	108	437532	21.422	ng/ul	96
19) Hexachloroethane	8.958	117	179908	25.196	ng/ul	98
22) Nitrobenzene	9.087	77	453535	25.599	ng/ul	99
23) Isophorone	9.616	82	813007	22.621	ng/ul	100
25) 2-Nitrophenol	9.799	139	244705	24.309	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	436866	23.102	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	547707	23.620	ng/ul	100
29) 2,4-Dichlorophenol	10.334	162	416876	24.679	ng/ul	99
30) Naphthalene	10.734	128	1428820	24.597	ng/ul	99
32) 4-Chloroaniline	10.852	127	537591	21.143	ng/ul	98
33) Hexachlorobutadiene	11.016	225	248119	24.816	ng/ul	97
34) Caprolactam	11.646	113	117128	19.592	ng/ul	91
35) 4-Chloro-3-methylphenol	11.975	107	409972	22.890	ng/ul	100
36) 2-Methylnaphthalene	12.346	142	942002	23.220	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	957688	23.527	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	478289	25.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	237008	22.236	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	308782	24.723	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	342487	25.174	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1194347	25.098	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	961036	25.544	ng/ul	100
45) 2-Nitroaniline	13.610	65	233598	25.435	ng/ul	99
47) Dimethylphthalate	13.981	163	1149365	23.838	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	223810	23.818	ng/ul	96
50) Acenaphthylene	14.246	152	1459845	25.061	ng/ul	99
51) 3-Nitroaniline	14.434	138	256096	23.513	ng/ul	99
52) Acenaphthene	14.587	153	1022732	24.885	ng/ul	100
53) 2,4-Dinitrophenol	14.640	184	124419	19.529	ng/ul	98
55) 4-Nitrophenol	14.740	109	156945	24.403	ng/ul	95
56) Dibenzofuran	14.922	168	1404454	24.950	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	334534	24.356	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	285297	24.139	ng/ul	99
59) Diethylphthalate	15.345	149	1142358	23.649	ng/ul	99
61) Fluorene	15.575	166	1158648	25.131	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	554607	24.299	ng/ul	99
63) 4-Nitroaniline	15.598	138	265759	25.570	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	193973	22.888	ng/ul	95
67) N-Nitrosodiphenylamine	15.787	169	983884	25.235	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	324419	24.131	ng/ul	99
69) Hexachlorobenzene	16.581	284	369880	24.177	ng/ul	97
70) Atrazine	16.745	200	314472	22.354	ng/ul	99
71) Pentachlorophenol	16.928	266	229740	22.832	ng/ul	99
72) Phenanthrene	17.322	178	1863844	25.660	ng/ul	100
74) Anthracene	17.416	178	1875146	25.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	501518	27.491	ng/uL	99
76) Pentachlorobenzene	14.840	250	441479	22.647	ng/uL	99
77) Carbazole	17.686	167	1742673	26.392	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1899935	23.496	ng/ul	99
80) Fluoranthene	19.292	202	2158137	26.289	ng/ul	99
82) Pyrene	19.645	202	2281567	26.693	ng/ul	98
83) Butylbenzylphthalate	20.516	149	875764	23.707	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	744805	24.426	ng/ul	99
85) Benzo(a)anthracene	21.351	228	2264837	26.148	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	1261616	22.673	ng/ul	98
87) Chrysene	21.404	228	2128499	26.185	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	2136863	24.674	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2338112	26.987	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2214513	26.543	ng/ul	99
93) Benzo(a)pyrene	23.686	252	2021263	26.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	2461500	25.012	ng/ul	98
95) Dibenzo(a,h)anthracene	26.345	278	2226958	25.473	ng/ul	99
96) Benzo(g,h,i)perylene	27.104	276	2183443	25.026	ng/ul	98

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

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