Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012221.D
Acq On : 20 Oct 2022 19:23
Operator : CG/JU
Sample : N4755-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK1MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 20 23:25:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	453542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1952075	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1166551	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2114134	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1307189	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1569952	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	56734	5.062	ng/uL	0.00
4) Pyridine-d5	3.681	84	467302m	14.471	ng/ul	0.00
7) Phenol-d5	6.999	99	1235611	31.557	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	714646	30.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	970485	32.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	862246	28.334	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	494540	34.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	564754	36.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	1015786	34.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	943744	22.715	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	2754395	33.943	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	3089669	33.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	443621	29.181	ng/ul	0.00
60) Fluorene-d10	15.475	176	2279752	32.656	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	372112	30.940	ng/ul	0.00
73) Anthracene-d10	17.339	188	3086209	33.304	ng/ul	0.00
81) Pyrene-d10	19.580	212	2720178	36.549	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.592	264	2618160	33.255	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	122212	10.133	ng/uL	100
5) Pyridine	3.699	79	500097m	15.756	ng/ul	
6) Benzaldehyde	6.969	77	655329	35.608	ng/ul	98
8) Phenol	7.022	94	1302484	31.796	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.257	93	977116	29.553	ng/ul	98
12) 2-Chlorophenol	7.387	128	998829	31.061	ng/ul	100
13) 2-Methylphenol	8.275	108	830084	26.916	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1241200	28.230	ng/ul	98
16) Acetophenone	8.657	105	1518602	32.305	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.646	70	723306	30.398	ng/ul	97
18) 4-Methylphenol	8.610	108	978394	29.131	ng/ul	100
19) Hexachloroethane	8.899	117	400271	31.512	ng/ul	100
22) Nitrobenzene	9.040	77	1096261	31.139	ng/ul	94
23) Isophorone	9.563	82	2131609	31.546	ng/ul	99
25) 2-Nitrophenol	9.746	139	588568	33.229	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	366719	10.504	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	1374336	31.069	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	994662	32.870	ng/ul	98
30) Naphthalene	10.681	128	3951640	37.850	ng/ul	100
32) 4-Chloroaniline	10.804	127	971409	22.652	ng/ul	100
33) Hexachlorobutadiene	10.957	225	627979	32.994	ng/ul	99
34) Caprolactam	11.610	113	316937	33.739	ng/ul	95
35) 4-Chloro-3-methylphenol	11.928	107	1035597	31.697	ng/ul	99
36) 2-Methylnaphthalene	12.292	142	2528419	35.595	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	2275767	32.085	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1194629	33.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	606569	32.187	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	792115	34.626	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	867938	34.780	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	2932207	33.796	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	2205015	32.056	ng/ul	99
45) 2-Nitroaniline	13.563	65	628928	34.392	ng/ul	99
47) Dimethylphthalate	13.939	163	2757322	32.427	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	587469	36.106	ng/ul	99
50) Acenaphthylene	14.198	152	4123378	39.953	ng/ul	100
51) 3-Nitroaniline	14.392	138	507058	29.524	ng/ul	97
52) Acenaphthene	14.539	153	2608475	35.738	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	286775	29.353	ng/ul	95
55) 4-Nitrophenol	14.710	109	343847	30.443	ng/ul	93
56) Dibenzofuran	14.881	168	4071525	40.748	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	792538	34.131	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	704976	33.416	ng/ul	98
59) Diethylphthalate	15.304	149	2771642	33.164	ng/ul	100
61) Fluorene	15.533	166	3243162	40.969	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	1225515	31.065	ng/ul	97
63) 4-Nitroaniline	15.563	138	502631	31.176	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.622	198	392077	31.054	ng/ul	98
67) N-Nitrosodiphenylamine	15.739	169	2150460	35.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	850204	37.983	ng/ul	98
69) Hexachlorobenzene	16.533	284	965656	36.598	ng/ul	99
70) Atrazine	16.704	200	757124	35.345	ng/ul	99
71) Pentachlorophenol	16.886	266	713909	44.824	ng/ul	100
72) Phenanthrene	17.286	178	7876810	69.322	ng/ul	99
74) Anthracene	17.380	178	10874921	96.731	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	1218329	38.619	ng/uL	100
76) Pentachlorobenzene	14.792	250	1162461	34.982	ng/uL	99
77) Carbazole	17.651	167	4945849	49.847	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4323320	36.323	ng/ul	100
80) Fluoranthene	19.257	202	9356759m	101.742	ng/ul	
82) Pyrene	19.610	202	8617321m	91.585	ng/ul	
83) Butylbenzylphthalate	20.480	149	1456067	39.788	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.257	252	506699	17.798	ng/ul	99
85) Benzo(a)anthracene	21.321	228	5180319	60.806	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2076307	40.496	ng/ul#	97
87) Chrysene	21.374	228	5780832	72.714	ng/ul	98
89) Di-n-octyl phthalate	22.163	149	3329320	30.660	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	9156813	87.518	ng/ul	97
91) Benzo(k)fluoranthene	23.062	252	5402006	52.379	ng/ul	97
93) Benzo(a)pyrene	23.645	252	5825766	65.114	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.268	276	8351428	80.633	ng/ul	95
95) Dibenzo(a,h)anthracene	26.274	278	4355755	46.648	ng/ul	98
96) Benzo(g,h,i)perylene	27.045	276	7062929	72.627	ng/ul	97

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

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