Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
Data File : BP010829.D
Acq On : 25 Jun 2022 15:36
Operator : CG/JU
Sample : N3355-12MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EY0C9MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 26 22:52:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	411277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1599423	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	841542	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	1614330	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.251	240	1613925	20.000	ng/ul	# 0.00
88) Perylene-d12	23.622	264	1738326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	29545m	2.717	ng/uL	0.00
4) Pyridine-d5	3.617	84	270111	9.333	ng/ul	0.01
7) Phenol-d5	6.899	99	292833	8.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	705105	33.116	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	769318	28.481	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	493275	19.166	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	430890	42.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	413515	49.089	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	719589	34.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	876766	25.806	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2236877	38.804	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2716724	36.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.593	143	107949	11.989	ng/ul	0.01
60) Fluorene-d10	15.375	176	1901214	38.432	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	256363	47.932	ng/ul	0.00
73) Anthracene-d10	17.239	188	2836689	39.495	ng/ul	0.00
81) Pyrene-d10	19.486	212	3282448	37.331	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	3599714	41.906	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	67201	5.796	ng/uL#	86
5) Pyridine	3.634	79	295879	10.092	ng/ul#	74
6) Benzaldehyde	6.864	77	792608	46.141	ng/ul	95
8) Phenol	6.928	94	328193	9.425	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.152	93	949600	33.955	ng/ul	89
12) 2-Chlorophenol	7.287	128	790526	28.352	ng/ul#	90
13) 2-Methylphenol	8.175	108	571282	22.037	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.258	45	1212525	32.314	ng/ul#	96
16) Acetophenone	8.546	105	1355807	34.303	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.534	70	652561	32.651	ng/ul	88
18) 4-Methylphenol	8.505	108	536392	19.869	ng/ul	99
19) Hexachloroethane	8.793	117	381672	33.801	ng/ul#	84
22) Nitrobenzene	8.922	77	997803	39.269	ng/ul	90
23) Isophorone	9.452	82	1818528	34.128	ng/ul	97
25) 2-Nitrophenol	9.634	139	460417	45.134	ng/ul#	78
26) 2,4-Dimethylphenol	9.705	107	758352	27.210	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.940	93	1165654	34.678	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	732226	33.856	ng/ul	99
30) Naphthalene	10.563	128	2936706	35.229	ng/ul	100
32) 4-Chloroaniline	10.687	127	880321	26.152	ng/ul	100
33) Hexachlorobutadiene	10.852	225	469081	33.949	ng/ul	96
34) Caprolactam	11.475	113	36930	5.435	ng/ul	84
35) 4-Chloro-3-methylphenol	11.822	107	735692	31.385	ng/ul	91
36) 2-Methylnaphthalene	12.187	142	1860173	34.461	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1862418	34.729	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.552	216	870744	36.007	ng/ul	99
40) Hexachlorocyclopentadiene	12.534	237	456629	29.799	ng/ul	96
41) 2,4,6-Trichlorophenol	12.804	196	563634	40.426	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	609575	40.743	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	2396295	36.171	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1846016	36.990	ng/ul	99
45) 2-Nitroaniline	13.457	65	521648	49.266	ng/ul#	78
47) Dimethylphthalate	13.846	163	2242113	38.838	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	445187	51.468	ng/ul	90
50) Acenaphthylene	14.098	152	2896718	35.950	ng/ul	99
51) 3-Nitroaniline	14.293	138	452014	43.589	ng/ul	87
52) Acenaphthene	14.440	153	1986214	38.203	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	144727	43.583	ng/ul#	78
55) 4-Nitrophenol	14.610	109	83173	11.617	ng/ul#	78
56) Dibenzofuran	14.781	168	2680999	37.646	ng/ul	95
57) 2,4-Dinitrotoluene	14.746	165	623858	53.976	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.004	232	475789	44.407	ng/ul#	91
59) Diethylphthalate	15.216	149	2270463	39.559	ng/ul	99
61) Fluorene	15.428	166	2186195	38.499	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.434	204	1016582	38.242	ng/ul	99
63) 4-Nitroaniline	15.463	138	516495	53.869	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.510	198	270422	46.790	ng/ul#	96
67) N-Nitrosodiphenylamine	15.645	169	1677172	34.302	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	629420	38.904	ng/ul	95
69) Hexachlorobenzene	16.434	284	719210	38.380	ng/ul	96
70) Atrazine	16.616	200	605111	37.327	ng/ul	97
71) Pentachlorophenol	16.787	266	302134	31.312	ng/ul	96
72) Phenanthrene	17.181	178	3413531	39.707	ng/ul	98
74) Anthracene	17.275	178	3408514	39.421	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	906054	34.012	ng/uL	98
76) Pentachlorobenzene	14.693	250	853863	37.373	ng/uL	99
77) Carbazole	17.551	167	3258750	41.870	ng/ul	100
78) Di-n-butylphthalate	18.122	149	3847811	41.488	ng/ul	98
80) Fluoranthene	19.163	202	3957188	36.593	ng/ul#	88
82) Pyrene	19.516	202	4079464	37.354	ng/ul#	84
83) Butylbenzylphthalate	20.410	149	1847875	48.071	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.175	252	1074571	32.244	ng/ul#	98
85) Benzo(a)anthracene	21.233	228	4127449	40.891	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	2693738	44.252	ng/ul#	97
87) Chrysene	21.286	228	3813748	39.429	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	4734731	45.887	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	4463786	41.293	ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	4386563	42.690	ng/ul#	95
93) Benzo(a)pyrene	23.522	252	3965984	37.714	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.086	276	5456233	42.999	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.110	278	4514048	41.473	ng/ul#	94
96) Benzo(g,h,i)perylene	26.839	276	4429860	41.041	ng/ul#	89

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

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