Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072522\
Data File : BP011088.D
Acq On : 25 Jul 2022 12:42
Operator : CG/JU
Sample : N3801-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 23:20:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GBHX2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2022
Supervised By :mohammad ahmed 07/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	520193	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	2414972	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1467784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	2945429	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.222	240	2043650	20.000	ng/ul	# 0.00
88) Perylene-d12	23.563	264	1598127	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	65548	4.543	ng/uL	-0.02
4) Pyridine-d5	3.575	84	435996	11.690	ng/ul	-0.02
7) Phenol-d5	6.846	99	311590	7.297	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	1077126	39.228	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.199	132	987160	28.610	ng/ul	-0.01
15) 4-Methylphenol-d8	8.393	113	676590	19.792	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	751042	42.675	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	770725	44.258	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1234118	38.751	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.610	131	1961502	37.360	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	4757601	47.425	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	5646414	47.704	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	148585	7.318	ng/ul	0.00
60) Fluorene-d10	15.334	176	3902272	45.763	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	748803	51.376	ng/ul	0.00
73) Anthracene-d10	17.204	188	5745079	45.881	ng/ul	0.00
81) Pyrene-d10	19.457	212	6142657	57.230	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	3732567	48.629	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	68416	4.519	ng/uL#	88
5) Pyridine	3.593	79	429551	11.176	ng/ul#	78
6) Benzaldehyde	6.816	77	1026276m	49.480	ng/ul	
8) Phenol	6.875	94	305075	6.721	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.105	93	1244156	34.538	ng/ul	92
12) 2-Chlorophenol	7.234	128	907312	25.439	ng/ul	92
13) 2-Methylphenol	8.122	108	685122	20.411	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	1820536	36.950	ng/ul	98
16) Acetophenone	8.499	105	2032321	39.273	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.487	70	1117760	43.048	ng/ul	92
18) 4-Methylphenol	8.452	108	653281	18.229	ng/ul	99
19) Hexachloroethane	8.740	117	397494	28.163	ng/ul	88
22) Nitrobenzene	8.875	77	1496949	36.169	ng/ul	91
23) Isophorone	9.404	82	3208804	41.425	ng/ul	98
25) 2-Nitrophenol	9.581	139	723561	37.016	ng/ul#	82
26) 2,4-Dimethylphenol	9.652	107	1084648	26.239	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.893	93	1900349	37.072	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	1097159	33.284	ng/ul	98
30) Naphthalene	10.510	128	4031830	32.762	ng/ul	99
32) 4-Chloroaniline	10.634	127	1734250	33.395	ng/ul	99
33) Hexachlorobutadiene	10.793	225	598385	31.186	ng/ul	95
34) Caprolactam	11.446	113	70126	6.070	ng/ul	93
35) 4-Chloro-3-methylphenol	11.769	107	1225564	32.899	ng/ul	95
36) 2-Methylnaphthalene	12.134	142	2958785	37.086	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	3004584	37.572	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	1397410	36.097	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	633088	26.404	ng/ul	91
41) 2,4,6-Trichlorophenol	12.757	196	1009238	39.587	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	1084880	39.818	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	4060884	37.080	ng/ul#	98
44) 2-Chloronaphthalene	13.198	162	3002162	36.496	ng/ul	97
45) 2-Nitroaniline	13.422	65	1075033	44.856	ng/ul#	81
47) Dimethylphthalate	13.804	163	4129447	40.795	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	898959	49.053	ng/ul	90
50) Acenaphthylene	14.051	152	5159605	38.849	ng/ul	99
51) 3-Nitroaniline	14.251	138	879522	39.946	ng/ul#	90
52) Acenaphthene	14.398	153	3410068	38.758	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	441972	41.222	ng/ul#	83
55) 4-Nitrophenol	14.569	109	101570	6.534	ng/ul#	76
56) Dibenzofuran	14.740	168	4752260	39.144	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	1263061	48.318	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.963	232	927083	43.450	ng/ul	90
59) Diethylphthalate	15.181	149	4419251	42.511	ng/ul	99
61) Fluorene	15.392	166	3879527	39.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	1808785	40.326	ng/ul	96
63) 4-Nitroaniline	15.428	138	874607m	43.222	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	649833	43.461	ng/ul#	99
67) N-Nitrosodiphenylamine	15.610	169	3372380	40.082	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	1194086	44.950	ng/ul	96
69) Hexachlorobenzene	16.404	284	237465	7.702	ng/ul	97
70) Atrazine	16.581	200	1274010	43.771	ng/ul	98
71) Pentachlorophenol	16.745	266	812396	42.785	ng/ul	99
72) Phenanthrene	17.145	178	6124136	39.909	ng/ul	99
74) Anthracene	17.239	178	6057657	39.684	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	1479259	35.082	ng/uL	98
76) Pentachlorobenzene	14.651	250	1555295	42.077	ng/uL	98
77) Carbazole	17.516	167	5567034	38.966	ng/ul	99
78) Di-n-butylphthalate	18.081	149	7549513	42.274	ng/ul	99
80) Fluoranthene	19.128	202	6752885	53.793	ng/ul#	88
82) Pyrene	19.486	202	6560234	50.651	ng/ul#	86
83) Butylbenzylphthalate	20.375	149	3123773	54.064	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.145	252	1621780	44.817	ng/ul#	99
85) Benzo(a)anthracene	21.204	228	5193613	41.729	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.145	149	4345248	50.403	ng/ul	98
87) Chrysene	21.257	228	4922291	40.278	ng/ul	99
89) Di-n-octyl phthalate	22.051	149	6423186	59.929	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	4266636	43.238	ng/ul#	96
91) Benzo(k)fluoranthene	22.898	252	4042729	43.616	ng/ul#	95
93) Benzo(a)pyrene	23.463	252	3938520	41.561	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.998	276	4548471	41.301	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.015	278	3922115	41.157	ng/ul#	94
96) Benzo(g,h,i)perylene	26.745	276	3948323	42.094	ng/ul#	90

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

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