Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016046.D
Acq On : 06 Jul 2023 23:11
Operator : MA/JU
Sample : 03283-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYW5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 00:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	287297	20.000	ng/ul	0.00
20) Naphthalene-d8	10.845	136	1276309	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	821266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1873322	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1674883	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1624204	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	35253	4.415	ng/uL	0.00
4) Pyridine-d5	3.805	84	175220	8.705	ng/ul	0.00
7) Phenol-d5	7.222	99	162134	6.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	596587	39.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.557	132	531411	28.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	337379	17.374	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	379373	38.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	419621	36.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	686688	33.849	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	736681	28.269	ng/ul	-0.01
46) Dimethylphthalate-d6	14.086	166	2685875	42.312	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	2831352	39.678	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	28742m	3.431	ng/ul	0.00
60) Fluorene-d10	15.669	176	2178271	41.676	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	475519	41.275	ng/ul	-0.01
73) Anthracene-d10	17.539	188	3487290	40.754	ng/ul	0.00
81) Pyrene-d10	19.769	212	4225065	38.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	3533169	43.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	155355	18.078	ng/uL	97
5) Pyridine	3.828	79	204157	9.695	ng/ul	98
6) Benzaldehyde	7.175	77	543258	54.663	ng/ul	95
8) Phenol	7.252	94	177104	6.943	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.446	93	732621	36.097	ng/ul	99
12) 2-Chlorophenol	7.593	128	512947	26.020	ng/ul	99
13) 2-Methylphenol	8.493	108	385579	20.020	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1059865	38.234	ng/ul	98
16) Acetophenone	8.869	105	1147881	35.959	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.840	70	650897	36.713	ng/ul	99
18) 4-Methylphenol	8.834	108	353863	17.100	ng/ul	98
19) Hexachloroethane	9.093	117	244470	26.850	ng/ul	98
22) Nitrobenzene	9.257	77	924060	33.736	ng/ul	96
23) Isophorone	9.781	82	1864622	35.573	ng/ul	98
25) 2-Nitrophenol	9.969	139	413702	34.242	ng/ul	90
26) 2,4-Dimethylphenol	10.034	107	516307	19.440	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.251	93	1097461	37.088	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	636799	31.574	ng/ul	98
30) Naphthalene	10.898	128	2235417	32.218	ng/ul	100
32) 4-Chloroaniline	11.040	127	828887	30.614	ng/ul	97
33) Hexachlorobutadiene	11.157	225	421805	27.694	ng/ul	99
34) Caprolactam	11.881	113	28740	4.659	ng/ul	88
35) 4-Chloro-3-methylphenol	12.169	107	677142	28.683	ng/ul	96
36) 2-Methylnaphthalene	12.504	142	1598075	34.988	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1643794	35.279	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	948979	35.065	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	202401	24.999	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	612523	35.813	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	673020	37.098	ng/ul	96
43) 1,1'-Biphenyl	13.510	154	2255391	34.672	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1773318	34.605	ng/ul	97
45) 2-Nitroaniline	13.792	65	627163	38.896	ng/ul	89
47) Dimethylphthalate	14.134	163	2501266	38.075	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	545033	40.901	ng/ul	93
50) Acenaphthylene	14.398	152	2835695	36.066	ng/ul	99
51) 3-Nitroaniline	14.622	138	484383	46.353	ng/ul	96
52) Acenaphthene	14.739	153	1972469	36.177	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	268630	37.997	ng/ul	84
55) 4-Nitrophenol	14.992	109	86293	9.941	ng/ul#	37
56) Dibenzofuran	15.075	168	2822214	37.288	ng/ul	95
57) 2,4-Dinitrotoluene	15.086	165	758316	41.759	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.322	232	623424	40.008	ng/ul	92
59) Diethylphthalate	15.486	149	2587625	38.924	ng/ul	98
61) Fluorene	15.728	166	2313680	37.687	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	1189392	37.863	ng/ul	93
63) 4-Nitroaniline	15.798	138	437417	61.160	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	445128	38.187	ng/ul	96
67) N-Nitrosodiphenylamine	15.939	169	2006687	35.782	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	804672	37.616	ng/ul#	88
69) Hexachlorobenzene	16.739	284	982681	38.931	ng/ul	92
70) Atrazine	16.898	200	662467	30.860	ng/ul	96
71) Pentachlorophenol	17.104	266	452817	37.378	ng/ul	95
72) Phenanthrene	17.480	178	3867055	37.998	ng/ul	100
74) Anthracene	17.580	178	3827804	37.432	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	956848	31.390	ng/uL	99
76) Pentachlorobenzene	14.998	250	1059178	34.428	ng/uL	100
77) Carbazole	17.863	167	3588300	41.632	ng/ul	99
78) Di-n-butylphthalate	18.363	149	4562679	39.931	ng/ul	100
80) Fluoranthene	19.445	202	4693188	34.529	ng/ul	97
82) Pyrene	19.798	202	4840762	34.914	ng/ul#	95
83) Butylbenzylphthalate	20.645	149	2095146	37.040	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	1476595	39.000	ng/ul	98
85) Benzo(a)anthracene	21.516	228	4418507	37.502	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	2949280	37.939	ng/ul	99
87) Chrysene	21.574	228	4394887	39.316	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	4739330	39.927	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	4135495	39.626	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	4155052	39.405	ng/ul	99
93) Benzo(a)pyrene	23.957	252	3527405	38.682	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.762	276	3890689	31.429	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	3255857	32.020	ng/ul	98
96) Benzo(g,h,i)perylene	27.603	276	3080216	30.245	ng/ul	99

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

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