Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071422\
Data File : BP010972.D
Acq On : 14 Jul 2022 14:23
Operator : CG/JU
Sample : SSTD08021
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 14 14:52:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 13:50:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080621

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2022
Supervised By :mohammad ahmed 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	378335	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1578167	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.351	164	889615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1778352	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	1644281	20.000	ng/ul	# 0.00
88) Perylene-d12	23.604	264	1682860	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	347879	34.783	ng/uL	0.00
4) Pyridine-d5	3.587	84	2311896	86.839	ng/ul	0.00
7) Phenol-d5	6.869	99	2679536	89.469	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	1685005	86.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	2194234	88.307	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113	2151115	90.859	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	1055943	105.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	1103720	132.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	1864730	90.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	2949477	87.981	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	5209925	85.494	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	6327191	81.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	1110092	116.627	ng/ul	0.01
60) Fluorene-d10	15.351	176	4328276	82.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	825189	140.056	ng/ul	0.00
73) Anthracene-d10	17.222	188	6361646	80.404	ng/ul	0.00
81) Pyrene-d10	19.481	212	7124802	79.535	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	7116625	85.578	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	365741	34.291	ng/uL#	85
5) Pyridine	3.611	79	2362131	87.588	ng/ul#	74
6) Benzaldehyde	6.834	77	1087763	68.836	ng/ul	97
8) Phenol	6.899	94	2817478	87.959	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.128	93	2217580	86.199	ng/ul	89
12) 2-Chlorophenol	7.258	128	2247263	87.616	ng/ul	91
13) 2-Methylphenol	8.140	108	2103246	88.198	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	3007817	87.140	ng/ul#	97
16) Acetophenone	8.522	105	3148108	86.584	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.522	70	1607266	87.422	ng/ul	88
18) 4-Methylphenol	8.481	108	2222013	89.474	ng/ul	98
19) Hexachloroethane	8.758	117	889553	85.638	ng/ul#	78
22) Nitrobenzene	8.899	77	2376551	94.791	ng/ul	90
23) Isophorone	9.428	82	4539637	86.342	ng/ul	98
25) 2-Nitrophenol	9.605	139	1200774	119.297	ng/ul#	79
26) 2,4-Dimethylphenol	9.675	107	2350107	85.459	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.910	93	2845605	85.796	ng/ul	98
29) 2,4-Dichlorophenol	10.134	162	1874943	87.859	ng/ul	99
30) Naphthalene	10.534	128	6726931	81.784	ng/ul	99
32) 4-Chloroaniline	10.657	127	2905668	87.482	ng/ul	100
33) Hexachlorobutadiene	10.816	225	1056372	77.482	ng/ul	97
34) Caprolactam	11.469	113	678387m	101.192	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	2175827	94.073	ng/ul	95
36) 2-Methylnaphthalene	12.157	142	4431031	83.192	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	4377245	82.723	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	1983060	77.572	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	1301423	80.339	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	1387392	94.132	ng/ul	98
42) 2,4,5-Trichlorophenol	12.846	196	1486434	93.981	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	5545859	79.189	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	4182791	79.285	ng/ul	98
45) 2-Nitroaniline	13.440	65	1395145	124.641	ng/ul#	78
47) Dimethylphthalate	13.822	163	5189784	85.039	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	1112669	121.683	ng/ul	92
50) Acenaphthylene	14.075	152	6826417	80.142	ng/ul	99
51) 3-Nitroaniline	14.275	138	1165731	106.340	ng/ul#	86
52) Acenaphthene	14.416	153	4463542	81.213	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	631944	180.019	ng/ul#	84
55) 4-Nitrophenol	14.593	109	820279	108.381	ng/ul#	77
56) Dibenzofuran	14.757	168	6046593	80.318	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	1552487	127.063	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.987	232	1155548	102.024	ng/ul	90
59) Diethylphthalate	15.204	149	5357531	88.302	ng/ul	99
61) Fluorene	15.410	166	4807361	80.083	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	2178011	77.506	ng/ul	93
63) 4-Nitroaniline	15.445	138	1037824m	102.393	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.498	198	838022	131.626	ng/ul#	96
67) N-Nitrosodiphenylamine	15.628	169	4249096	78.887	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	1405444	78.858	ng/ul	95
69) Hexachlorobenzene	16.416	284	1577570	76.421	ng/ul	94
70) Atrazine	16.604	200	1517525	84.977	ng/ul	97
71) Pentachlorophenol	16.769	266	1031690	97.060	ng/ul	98
72) Phenanthrene	17.163	178	7574560	79.982	ng/ul	98
74) Anthracene	17.257	178	7545065	79.214	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.140	216	2084207	71.022	ng/uL	97
76) Pentachlorobenzene	14.669	250	1861645	73.968	ng/uL	99
77) Carbazole	17.534	167	7176015	83.698	ng/ul	98
78) Di-n-butylphthalate	18.104	149	9133182	89.394	ng/ul	98
80) Fluoranthene	19.151	202	8652960	78.539	ng/ul#	86
82) Pyrene	19.510	202	8554505	76.885	ng/ul#	83
83) Butylbenzylphthalate	20.404	149	4253200	108.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.169	252	2502522	73.705	ng/ul#	97
85) Benzo(a)anthracene	21.233	228	8186340	79.606	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.169	149	6103462	98.415	ng/ul#	97
87) Chrysene	21.286	228	7825259	79.409	ng/ul	98
89) Di-n-octyl phthalate	22.086	149	10581847	105.936	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	9051022	86.487	ng/ul#	95
91) Benzo(k)fluoranthene	22.939	252	8090927	81.337	ng/ul#	94
93) Benzo(a)pyrene	23.510	252	8542225	83.909	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.063	276	10125485	82.426	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.086	278	8608169	81.694	ng/ul#	92
96) Benzo(g,h,i)perylene	26.821	276	8628163	82.570	ng/ul#	87

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

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