Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030222\
Data File : BP009248.D
Acq On : 02 Mar 2022 16:39
Operator : CG/JU
Sample : SSTD02010
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020614

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/03/2022
Supervised By :mohammad ahmed 03/07/2022

Quant Time: Mar 02 17:37:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 02 17:32:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	349859	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.628	136	1357567	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	791554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1553347	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.339	240	1553653	20.000	ng/ul	# 0.00
88) Perylene-d12	23.756	264	1674106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	71704m	8.398	ng/uL	0.00
4) Pyridine-d5	3.722	84	430087	19.842	ng/ul	0.00
7) Phenol-d5	6.993	99	556179	19.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	333688	19.570	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	441596	19.913	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	424412	19.532	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	172526	22.423	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	167791	23.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	411805	20.690	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	568856	20.142	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	1120465	20.212	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1465999	19.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	176283	20.861	ng/ul	0.00
60) Fluorene-d10	15.469	176	971027	20.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	116672	19.341	ng/ul	0.00
73) Anthracene-d10	17.333	188	1473143	20.202	ng/ul	0.00
81) Pyrene-d10	19.574	212	1698737	19.777	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	1664196	19.616	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	68769	7.938	ng/uL#	49
5) Pyridine	3.740	79	462033	20.177	ng/ul#	75
6) Benzaldehyde	6.969	77	383958m	22.909	ng/ul	
8) Phenol	7.022	94	563044	19.750	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.257	93	445854	19.517	ng/ul#	86
12) 2-Chlorophenol	7.393	128	453227	20.225	ng/ul#	88
13) 2-Methylphenol	8.269	108	411592	19.205	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	540033	19.591	ng/ul#	91
16) Acetophenone	8.651	105	658607	19.704	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.640	70	326829	19.603	ng/ul#	83
18) 4-Methylphenol	8.598	108	443375	19.718	ng/ul	92
19) Hexachloroethane	8.910	117	181343	19.770	ng/ul#	77
22) Nitrobenzene	9.022	77	451571	22.243	ng/ul#	85
23) Isophorone	9.557	82	902096	19.640	ng/ul#	95
25) 2-Nitrophenol	9.734	139	197969	23.177	ng/ul#	75
26) 2,4-Dimethylphenol	9.804	107	479174	20.211	ng/ul#	71
27) Bis(2-Chloroethoxy)met...	10.040	93	558198	19.952	ng/ul#	97
29) 2,4-Dichlorophenol	10.269	162	403569	20.551	ng/ul#	83
30) Naphthalene	10.675	128	1377254	19.982	ng/ul	96
32) 4-Chloroaniline	10.781	127	569715	20.435	ng/ul	98
33) Hexachlorobutadiene	10.981	225	282386	19.809	ng/ul	95
34) Caprolactam	11.545	113	108461	19.133	ng/ul#	46
35) 4-Chloro-3-methylphenol	11.910	107	407067m	20.502	ng/ul	
36) 2-Methylnaphthalene	12.292	142	917869	19.818	ng/ul	91

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37) 1-Methylnaphthalene	12.510	142	929478	20.088	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.663	216	501536	19.905	ng/ul	94
40) Hexachlorocyclopentadiene	12.651	237	303738	19.365	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	300296	20.628	ng/ul#	83
42) 2,4,5-Trichlorophenol	12.969	196	316465	20.544	ng/ul#	86
43) 1,1'-Biphenyl	13.310	154	1201463	19.836	ng/ul#	94
44) 2-Chloronaphthalene	13.345	162	920098	19.982	ng/ul	92
45) 2-Nitroaniline	13.539	65	176338	22.640	ng/ul#	85
47) Dimethylphthalate	13.933	163	1086929	20.309	ng/ul#	92
48) 2,6-Dinitrotoluene	14.039	165	162350	22.826	ng/ul	97
50) Acenaphthylene	14.192	152	1471574	20.270	ng/ul	95
51) 3-Nitroaniline	14.369	138	188033	20.981	ng/ul	80
52) Acenaphthene	14.533	153	940411	19.915	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	120607	31.880	ng/ul#	82
55) 4-Nitrophenol	14.675	109	139122	20.591	ng/ul#	34
56) Dibenzofuran	14.875	168	1343838	20.146	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	243243	24.073	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.098	232	254492	21.347	ng/ul#	86
59) Diethylphthalate	15.304	149	1056971	20.438	ng/ul	93
61) Fluorene	15.527	166	1065665	20.436	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.527	204	535513	20.220	ng/ul	97
63) 4-Nitroaniline	15.533	138	195721	22.664	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	15.598	198	127031	20.072	ng/ul#	94
67) N-Nitrosodiphenylamine	15.733	169	919059	20.090	ng/ul	94
68) 4-Bromophenyl-phenylether	16.422	248	321835	19.722	ng/ul	94
69) Hexachlorobenzene	16.539	284	368591	19.768	ng/ul#	89
70) Atrazine	16.698	200	319133	19.696	ng/ul#	90
71) Pentachlorophenol	16.880	266	207058	18.976	ng/ul#	85
72) Phenanthrene	17.274	178	1660516	20.083	ng/ul	98
74) Anthracene	17.369	178	1674069	20.288	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	510172	19.183	ng/uL#	87
76) Pentachlorobenzene	14.798	250	452698	19.176	ng/uL	88
77) Carbazole	17.639	167	1510366	20.629	ng/ul#	96
78) Di-n-butylphthalate	18.210	149	1696015	20.797	ng/ul#	92
80) Fluoranthene	19.251	202	1960632	19.793	ng/ul	98
82) Pyrene	19.604	202	1990821	19.695	ng/ul	98
83) Butylbenzylphthalate	20.498	149	694101	21.538	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.257	252	665204	20.599	ng/ul#	96
85) Benzo(a)anthracene	21.327	228	1966064	20.033	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1089987	21.147	ng/ul#	80
87) Chrysene	21.380	228	1905850	20.058	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1735059	19.176	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	2068435	19.577	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	1918275	20.137	ng/ul#	96
93) Benzo(a)pyrene	23.651	252	2003944	19.820	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.268	276	2353257	19.686	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.292	278	2002060	19.823	ng/ul#	92
96) Benzo(g,h,i)perylene	27.039	276	1998891	19.478	ng/ul#	86

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

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