Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
Data File : BP009948.D
Acq On : 19 Apr 2022 10:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020760

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/20/2022
Supervised By :Yogesh Patel 04/22/2022

Quant Time: Apr 20 00:59:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	148673	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	684196	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.581	164	488178	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.334	188	1056083	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.416	240	991131	20.000	ng/ul	# 0.00
88) Perylene-d12	23.874	264	881267	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	25015	7.509	ng/uL	0.00
4) Pyridine-d5	3.793	84	164572	17.918	ng/ul	0.00
7) Phenol-d5	7.105	99	265422	20.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	161677	20.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	208509	21.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	219268	20.123	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	110732	22.443	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	108850	20.123	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	233063	20.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	297184	18.433	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	769852	20.076	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	928948	20.448	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.769	143	85146	12.243	ng/ul	0.00
60) Fluorene-d10	15.575	176	644243	19.971	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	84487	13.504	ng/ul	0.00
73) Anthracene-d10	17.434	188	1012814	20.030	ng/ul	0.00
81) Pyrene-d10	19.663	212	1242326	22.950	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	948023	20.657	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	26432	7.783	ng/uL#	25
5) Pyridine	3.817	79	171492	17.895	ng/ul#	44
6) Benzaldehyde	7.081	77	132281	16.525	ng/ul	96
8) Phenol	7.134	94	266268	20.380	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.369	93	215700	21.195	ng/ul#	79
12) 2-Chlorophenol	7.511	128	206081	20.761	ng/ul	95
13) 2-Methylphenol	8.387	108	209248	20.539	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	311384	20.699	ng/ul#	85
16) Acetophenone	8.769	105	365790	21.307	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.758	70	180808	20.315	ng/ul#	73
18) 4-Methylphenol	8.716	108	228341	20.696	ng/ul	95
19) Hexachloroethane	9.040	117	81868	19.535	ng/ul	89
22) Nitrobenzene	9.152	77	275025	21.716	ng/ul#	85
23) Isophorone	9.681	82	527345	20.208	ng/ul#	97
25) 2-Nitrophenol	9.863	139	113017	19.589	ng/ul#	84
26) 2,4-Dimethylphenol	9.922	107	272301	19.889	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.163	93	300042	19.583	ng/ul#	98
29) 2,4-Dichlorophenol	10.399	162	228112	20.787	ng/ul#	84
30) Naphthalene	10.805	128	742620	21.104	ng/ul	97
32) 4-Chloroaniline	10.910	127	296900	18.610	ng/ul	99
33) Hexachlorobutadiene	11.104	225	160495	20.307	ng/ul	94
34) Caprolactam	11.681	113	42306m	11.657	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	259545	19.519	ng/ul#	70
36) 2-Methylnaphthalene	12.410	142	534246	20.782	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	536130	20.655	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.781	216	312212	20.904	ng/ul	93
40) Hexachlorocyclopentadiene	12.769	237	137425	13.259	ng/ul	93
41) 2,4,6-Trichlorophenol	13.016	196	192684	20.201	ng/ul	88
42) 2,4,5-Trichlorophenol	13.087	196	199499	19.354	ng/ul#	89
43) 1,1'-Biphenyl	13.416	154	745236	20.922	ng/ul	93
44) 2-Chloronaphthalene	13.457	162	573330	20.940	ng/ul	94
45) 2-Nitroaniline	13.657	65	163445	20.370	ng/ul#	82
47) Dimethylphthalate	14.034	163	743208	20.137	ng/ul#	93
48) 2,6-Dinitrotoluene	14.151	165	147629	21.746	ng/ul	92
50) Acenaphthylene	14.304	152	929327	20.728	ng/ul	94
51) 3-Nitroaniline	14.481	138	90924	12.883	ng/ul#	84
52) Acenaphthene	14.645	153	602355	20.520	ng/ul	96
53) 2,4-Dinitrophenol	14.681	184	31694	7.724	ng/ul#	78
55) 4-Nitrophenol	14.781	109	76353	11.927	ng/ul#	44
56) Dibenzofuran	14.981	168	882598	20.429	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	203993	20.463	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.204	232	185780	19.767	ng/ul#	87
59) Diethylphthalate	15.398	149	756813	19.814	ng/ul	94
61) Fluorene	15.628	166	707754	19.889	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.622	204	378099	19.983	ng/ul	97
63) 4-Nitroaniline	15.640	138	73423	10.387	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.698	198	83971	13.503	ng/ul#	87
67) N-Nitrosodiphenylamine	15.834	169	581471	19.234	ng/ul	94
68) 4-Bromophenyl-phenylether	16.522	248	230013	20.121	ng/ul	94
69) Hexachlorobenzene	16.639	284	276030	20.999	ng/ul#	91
70) Atrazine	16.792	200	229730	18.410	ng/ul#	90
71) Pentachlorophenol	16.981	266	147534	16.581	ng/ul#	83
72) Phenanthrene	17.375	178	1169435	20.745	ng/ul	99
74) Anthracene	17.469	178	1161293	20.319	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	332704	21.790	ng/uL#	85
76) Pentachlorobenzene	14.904	250	319556	21.472	ng/uL	90
77) Carbazole	17.734	167	931231	18.030	ng/ul#	95
78) Di-n-butylphthalate	18.286	149	1296132	20.407	ng/ul#	93
80) Fluoranthene	19.339	202	1408943	22.613	ng/ul#	95
82) Pyrene	19.692	202	1459731	23.108	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	548933	21.182	ng/ul#	77
84) 3,3'-Dichlorobenzidine	21.327	252	95309	4.513	ng/ul#	96
85) Benzo(a)anthracene	21.398	228	1308640	20.827	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.322	149	845198	21.683	ng/ul#	81
87) Chrysene	21.457	228	1279216	21.101	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	1329749	21.536	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1293640	22.094	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1152858	21.578	ng/ul#	97
93) Benzo(a)pyrene	23.769	252	1147651	21.146	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.451	276	1072422	18.896	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.468	278	854274	17.359	ng/ul#	95
96) Benzo(g,h,i)perylene	27.245	276	978769	20.916	ng/ul#	93

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

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