Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
Data File : BP019115.D
Acq On : 27 Dec 2023 14:50
Operator : MA/JU
Sample : SSTD08074
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080641

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :Sohil Jodhani 12/28/2023

Quant Time: Dec 28 03:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 02:21:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	191994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	784866	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	503880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1177513	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1207182	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1423631	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	161224	28.802	ng/uL	0.00
4) Pyridine-d5	3.652	84	1095523	77.642	ng/ul	0.00
7) Phenol-d5	6.993	99	1430887	83.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	794696	79.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	1110807	80.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	1132881	84.514	ng/ul	0.01
21) Nitrobenzene-d5	8.981	128	554216	81.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	641275	87.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	1196087	80.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	1441311	79.139	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	3382742	76.005	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	3670951	76.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	627693	83.519	ng/ul	0.02
60) Fluorene-d10	15.457	176	2836054	73.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	682456	88.408	ng/ul	0.01
73) Anthracene-d10	17.316	188	4547929	73.958	ng/ul	0.00
81) Pyrene-d10	19.563	212	5719463	77.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	6382164	77.993	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	174271	28.195	ng/uL	98
5) Pyridine	3.670	79	1092714	76.294	ng/ul	96
6) Benzaldehyde	6.958	77	618792	77.405	ng/ul	96
8) Phenol	7.022	94	1393532	81.943	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.246	93	1102262	80.106	ng/ul	98
12) 2-Chlorophenol	7.375	128	1112668	78.321	ng/ul	100
13) 2-Methylphenol	8.263	108	1051540	83.585	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	1292835	79.647	ng/ul	99
16) Acetophenone	8.646	105	1653068	82.340	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	793441	79.258	ng/ul	97
18) 4-Methylphenol	8.605	108	1130885	83.513	ng/ul	98
19) Hexachloroethane	8.887	117	457724	76.813	ng/ul	91
22) Nitrobenzene	9.022	77	1264214	76.269	ng/ul	98
23) Isophorone	9.557	82	2421299	81.006	ng/ul	99
25) 2-Nitrophenol	9.734	139	651422	83.206	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	1011438	73.383	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.040	93	1485801	75.208	ng/ul	98
29) 2,4-Dichlorophenol	10.269	162	1130751	78.149	ng/ul	99
30) Naphthalene	10.663	128	3448593	72.877	ng/ul	100
32) 4-Chloroaniline	10.787	127	1378214	78.863	ng/ul	100
33) Hexachlorobutadiene	10.940	225	841595	75.578	ng/ul	98
34) Caprolactam	11.599	113	338615m	89.419	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	1159776	81.654	ng/ul	99
36) 2-Methylnaphthalene	12.275	142	2425436	76.021	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	2426608	75.423	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.646	216	1568487	75.581	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	875365	75.994	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	1005795	81.212	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	1083940	82.450	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	3229416	73.471	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	2620366	74.295	ng/ul	99
45) 2-Nitroaniline	13.551	65	727084	85.872	ng/ul	98
47) Dimethylphthalate	13.928	163	3287683	74.834	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	713889	88.429	ng/ul	95
50) Acenaphthylene	14.181	152	3985394	73.350	ng/ul	100
51) 3-Nitroaniline	14.381	138	661099	83.765	ng/ul	98
52) Acenaphthene	14.522	153	2659552	72.221	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	477956	91.897	ng/ul	97
55) 4-Nitrophenol	14.704	109	498346	82.970	ng/ul	99
56) Dibenzofuran	14.863	168	3708533	70.520	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	1012470	85.276	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	945262	82.296	ng/ul	97
59) Diethylphthalate	15.298	149	3216439	75.509	ng/ul	99
61) Fluorene	15.516	166	2939271	69.831	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	1649599	71.764	ng/ul	97
63) 4-Nitroaniline	15.557	138	640856m	82.893	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	704312	86.173	ng/ul#	99
67) N-Nitrosodiphenylamine	15.728	169	2617528	72.835	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	1151930	78.708	ng/ul	99
69) Hexachlorobenzene	16.516	284	1362683	76.188	ng/ul	97
70) Atrazine	16.692	200	760805	75.015	ng/ul	99
71) Pentachlorophenol	16.863	266	907457	86.416	ng/ul	98
72) Phenanthrene	17.263	178	5079010	71.175	ng/ul	99
74) Anthracene	17.351	178	5101448	71.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	1575313	76.943	ng/uL	98
76) Pentachlorobenzene	14.775	250	1520507	74.737	ng/uL	99
77) Carbazole	17.628	167	4528982	76.642	ng/ul	99
78) Di-n-butylphthalate	18.181	149	5620634	76.693	ng/ul	99
80) Fluoranthene	19.233	202	6502854	77.027	ng/ul	98
82) Pyrene	19.592	202	6526851	73.791	ng/ul	96
83) Butylbenzylphthalate	20.475	149	2701550	85.505	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.245	252	2408436	79.754	ng/ul	99
85) Benzo(a)anthracene	21.310	228	7101445	74.455	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	3784535	81.346	ng/ul	98
87) Chrysene	21.363	228	6466886	72.712	ng/ul	97
89) Di-n-octyl phthalate	22.151	149	6864394	84.318	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	7554973	75.552	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	7414830	75.461	ng/ul	98
93) Benzo(a)pyrene	23.598	252	7058666	74.997	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.180	276	9254170	76.701	ng/ul	97
95) Dibenzo(a,h)anthracene	26.198	278	7574972	75.471	ng/ul	97
96) Benzo(g,h,i)perylene	26.939	276	7458538	77.141	ng/ul	97

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

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