Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
Data File : BP012321.D
Acq On : 25 Oct 2022 18:45
Operator : CG/JU
Sample : SSTD08090
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 10:08:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 10:05:01 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080607

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
10/27/2022
Supervised By :mohammad ahmed
10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	386854	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1757159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	1049713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2156395	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1961312	20.000	ng/ul	0.00
88) Perylene-d12	23.722	264	2329809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	289499	30.355	ng/uL	0.00
4) Pyridine-d5	3.670	84	2220878	80.872	ng/ul	0.00
7) Phenol-d5	6.993	99	2836933	84.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	1617142	79.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	2128814	84.137	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	2220916	85.191	ng/ul	0.01
21) Nitrobenzene-d5	8.993	128	1094862	87.043	ng/ul	0.00
24) 2-Nitrophenol-d4	9.711	143	1220826	90.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	2145227	82.274	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	2985850	79.854	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	5766796	79.658	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	6524107	79.139	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	1181020	87.522	ng/ul	0.02
60) Fluorene-d10	15.469	176	4552361	73.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	1043493	87.858	ng/ul	0.01
73) Anthracene-d10	17.334	188	6820781	73.007	ng/ul	0.01
81) Pyrene-d10	19.569	212	7694819	71.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.569	264	8905509	77.147	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	310009	30.326	ng/uL	99
5) Pyridine	3.693	79	2147615	79.658	ng/ul	97
6) Benzaldehyde	6.964	77	1181313	75.909	ng/ul	100
8) Phenol	7.022	94	2936941	84.082	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.252	93	2284836	80.945	ng/ul	98
12) 2-Chlorophenol	7.381	128	2248429	82.335	ng/ul	98
13) 2-Methylphenol	8.269	108	2255370	85.464	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	3002080	80.070	ng/ul	98
16) Acetophenone	8.658	105	3237847	80.105	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.652	70	1602180	78.734	ng/ul	97
18) 4-Methylphenol	8.611	108	2414107	83.654	ng/ul	99
19) Hexachloroethane	8.887	117	863425	80.588	ng/ul	98
22) Nitrobenzene	9.034	77	2529918	81.162	ng/ul	99
23) Isophorone	9.569	82	5041183	82.881	ng/ul	100
25) 2-Nitrophenol	9.740	139	1340748	86.584	ng/ul	97
26) 2,4-Dimethylphenol	9.805	107	2480296	79.284	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.040	93	3079048	77.831	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	2155508	79.905	ng/ul	99
30) Naphthalene	10.669	128	6928669	74.292	ng/ul	99
32) 4-Chloroaniline	10.793	127	3040590	78.927	ng/ul	100
33) Hexachlorobutadiene	10.946	225	1322325	78.397	ng/ul	99
34) Caprolactam	11.628	113	777381m	91.601	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	2388312	81.466	ng/ul	97
36) 2-Methylnaphthalene	12.287	142	4769609	75.089	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	4714980	74.193	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.652	216	2522719	80.251	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	1362341	84.448	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	1752044	86.513	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	1888114	85.427	ng/ul	99
43) 1,1'-Biphenyl	13.299	154	5788791	74.871	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	4666512	76.406	ng/ul	99
45) 2-Nitroaniline	13.563	65	1457836	91.883	ng/ul	91
47) Dimethylphthalate	13.934	163	5870640	77.381	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	1321014	93.216	ng/ul	95
50) Acenaphthylene	14.193	152	6925906	75.265	ng/ul	99
51) 3-Nitroaniline	14.393	138	1356045	89.457	ng/ul	96
52) Acenaphthene	14.534	153	4740830	72.838	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	834605	97.198	ng/ul	96
55) 4-Nitrophenol	14.716	109	875355	87.286	ng/ul	90
56) Dibenzofuran	14.869	168	6242799	70.135	ng/ul	96
57) 2,4-Dinitrotoluene	14.851	165	1747147	85.434	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	1557939	83.003	ng/ul	99
59) Diethylphthalate	15.304	149	5745172	77.022	ng/ul	98
61) Fluorene	15.528	166	4607572	65.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	2366470	67.409	ng/ul	99
63) 4-Nitroaniline	15.569	138	1147339m	81.584	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	1082988	86.515	ng/ul#	97
67) N-Nitrosodiphenylamine	15.734	169	4459586	72.418	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	1772206	79.100	ng/ul	97
69) Hexachlorobenzene	16.528	284	2102514	79.567	ng/ul	96
70) Atrazine	16.704	200	1708364	79.606	ng/ul	99
71) Pentachlorophenol	16.875	266	1386315	86.525	ng/ul	99
72) Phenanthrene	17.275	178	8061379	70.431	ng/ul	99
74) Anthracene	17.369	178	7879461	69.643	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	2546267	80.769	ng/uL	99
76) Pentachlorobenzene	14.787	250	2549975	76.613	ng/uL	99
77) Carbazole	17.640	167	7527995	74.972	ng/ul	98
78) Di-n-butylphthalate	18.187	149	9142240	76.083	ng/ul	99
80) Fluoranthene	19.239	202	9258291	69.367	ng/ul	96
82) Pyrene	19.598	202	9100396	66.628	ng/ul	94
83) Butylbenzylphthalate	20.469	149	4332145	81.514	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.239	252	3462047	81.603	ng/ul	99
85) Benzo(a)anthracene	21.304	228	9469363	74.701	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	5965706	78.068	ng/ul#	98
87) Chrysene	21.363	228	8565056	72.570	ng/ul	98
89) Di-n-octyl phthalate	22.145	149	10934730	70.059	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	11074226	72.616	ng/ul	98
91) Benzo(k)fluoranthene	23.045	252	10125655m	67.997	ng/ul	
93) Benzo(a)pyrene	23.627	252	9580877	73.218	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.227	276	12147158	79.298	ng/ul	95
95) Dibenzo(a,h)anthracene	26.251	278	10631799	76.895	ng/ul	97
96) Benzo(g,h,i)perylene	27.010	276	10873280	75.587	ng/ul	97

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

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