Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101722\
Data File : BP012169.D
Acq On : 17 Oct 2022 17:12
Operator : CG/JU
Sample : SSTD08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080642

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 01:16:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 01:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	428900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1813449	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	989324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1798859	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1514502	20.000	ng/ul	0.00
88) Perylene-d12	23.751	264	1679043	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	344435	31.662	ng/uL	0.00
4) Pyridine-d5	3.681	84	2501378	86.462	ng/ul	0.00
7) Phenol-d5	7.010	99	3039486	88.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	1768214	90.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	2329032	85.060	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	2288229	86.364	ng/ul	0.01
21) Nitrobenzene-d5	9.010	128	1146321	89.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	1254649	96.611	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	2179618	86.601	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	2890009	77.921	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	5075231	81.002	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	6280965	81.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	973076	79.108	ng/ul	0.01
60) Fluorene-d10	15.486	176	4318190	76.175	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	856790	90.202	ng/ul	0.00
73) Anthracene-d10	17.351	188	6103549	78.137	ng/ul	0.00
81) Pyrene-d10	19.586	212	6419383	82.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	6808183	83.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	372912	32.576	ng/uL	97
5) Pyridine	3.705	79	2440068	88.027	ng/ul	97
6) Benzaldehyde	6.981	77	1246916m	77.045	ng/ul	
8) Phenol	7.040	94	3161056	87.290	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	2478837	86.759	ng/ul	97
12) 2-Chlorophenol	7.399	128	2472299	83.198	ng/ul	98
13) 2-Methylphenol	8.287	108	2361333	87.426	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.375	45	3243975	110.770	ng/ul	99
16) Acetophenone	8.675	105	3415473	83.615	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	1671681	89.853	ng/ul	99
18) 4-Methylphenol	8.628	108	2499813	85.869	ng/ul	99
19) Hexachloroethane	8.910	117	967290	84.325	ng/ul	94
22) Nitrobenzene	9.051	77	2625719	89.434	ng/ul	97
23) Isophorone	9.587	82	4898268	94.058	ng/ul	100
25) 2-Nitrophenol	9.763	139	1381247	90.529	ng/ul	96
26) 2,4-Dimethylphenol	9.822	107	2536171	85.351	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	3141900	87.918	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	2205428	83.383	ng/ul	99
30) Naphthalene	10.693	128	7341966	76.615	ng/ul	99
32) 4-Chloroaniline	10.816	127	2974097	77.777	ng/ul	100
33) Hexachlorobutadiene	10.969	225	1387792	84.614	ng/ul	99
34) Caprolactam	11.634	113	608007m	83.654	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	2250838	89.827	ng/ul	98
36) 2-Methylnaphthalene	12.304	142	4845397	78.523	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	4758391	77.001	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	2512731	83.087	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	1490430	101.464	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	1658921	91.064	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	1752660	88.525	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	5806670	77.746	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	4665422	78.224	ng/ul	99
45) 2-Nitroaniline	13.575	65	1302284	102.358	ng/ul	99
47) Dimethylphthalate	13.951	163	5242415	79.415	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	1139114	97.466	ng/ul	93
50) Acenaphthylene	14.210	152	6797517	77.538	ng/ul	99
51) 3-Nitroaniline	14.404	138	1096669	80.584	ng/ul	93
52) Acenaphthene	14.551	153	4674524	74.902	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	702789	93.080	ng/ul	95
55) 4-Nitrophenol	14.722	109	698256	82.108	ng/ul	91
56) Dibenzofuran	14.886	168	6189602	73.384	ng/ul	96
57) 2,4-Dinitrotoluene	14.863	165	1514793	90.183	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	1375572	89.140	ng/ul	98
59) Diethylphthalate	15.322	149	5002738	82.750	ng/ul	99
61) Fluorene	15.539	166	4581508	69.198	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	2287451	71.418	ng/ul	98
63) 4-Nitroaniline	15.575	138	905309m	72.853	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.634	198	903890	88.025	ng/ul#	92
67) N-Nitrosodiphenylamine	15.751	169	4125464	77.482	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	1558495	89.035	ng/ul	100
69) Hexachlorobenzene	16.545	284	1798051	88.500	ng/ul	97
70) Atrazine	16.716	200	1388612	84.811	ng/ul	100
71) Pentachlorophenol	16.892	266	1109182	93.182	ng/ul	98
72) Phenanthrene	17.292	178	7320763	74.833	ng/ul	99
74) Anthracene	17.380	178	7232196	74.705	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	2490153	85.666	ng/uL	99
76) Pentachlorobenzene	14.804	250	2405950	84.278	ng/uL	98
77) Carbazole	17.657	167	6473991	74.979	ng/ul	98
78) Di-n-butylphthalate	18.204	149	7793396	90.955	ng/ul	99
80) Fluoranthene	19.263	202	7867728	82.755	ng/ul	98
82) Pyrene	19.616	202	7935078	78.867	ng/ul	99
83) Butylbenzylphthalate	20.486	149	3391615	106.339	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.257	252	2776344	83.190	ng/ul	100
85) Benzo(a)anthracene	21.321	228	7582535	79.540	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.245	149	4641992	107.962	ng/ul#	96
87) Chrysene	21.380	228	7137628	77.784	ng/ul	98
89) Di-n-octyl phthalate	22.168	149	8147840	96.928	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	8449633	79.503	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	8192185	78.364	ng/ul	99
93) Benzo(a)pyrene	23.651	252	7543102	79.552	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.274	276	9860194	82.242	ng/ul	99
95) Dibenzo(a,h)anthracene	26.292	278	8721522	81.087	ng/ul	99
96) Benzo(g,h,i)perylene	27.045	276	8922136	82.538	ng/ul	99

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

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