Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010523\
Data File : BP013395.D
Acq On : 05 Jan 2023 13:43
Operator : CG/JU
Sample : SSTD01018
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 06 00:21:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 00:16:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010646

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023

Supervised By :mohammad ahmed 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	299081	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1132047	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	674623	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1527271	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1616318	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1834421	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	32183	4.601	ng/uL	0.00
4) Pyridine-d5	3.746	84	209361	10.536	ng/ul	0.00
7) Phenol-d5	7.081	99	224871	9.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	157691	10.731	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	180275	9.401	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	170486	8.541	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	77097	9.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	79773	8.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	170065	9.350	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	230877	8.992	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	503501	9.711	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	533657	9.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	68524	7.347	ng/ul	0.00
60) Fluorene-d10	15.557	176	447384	10.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	70231	7.146	ng/ul	0.00
73) Anthracene-d10	17.422	188	674275	9.786	ng/ul	0.00
81) Pyrene-d10	19.657	212	859326	9.262	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	896378	9.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	34014	4.658	ng/uL	96
5) Pyridine	3.764	79	212618	10.766	ng/ul	96
6) Benzaldehyde	7.058	77	93464	9.798	ng/ul	99
8) Phenol	7.111	94	245966	9.986	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.340	93	199864	9.886	ng/ul	95
12) 2-Chlorophenol	7.481	128	192428	9.785	ng/ul	96
13) 2-Methylphenol	8.369	108	164250	8.553	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.458	45	315169	11.361	ng/ul	99
16) Acetophenone	8.752	105	289270	9.451	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	137454	8.931	ng/ul	98
18) 4-Methylphenol	8.699	108	187104	8.797	ng/ul	94
19) Hexachloroethane	9.005	117	77756	9.894	ng/ul	99
22) Nitrobenzene	9.134	77	210454	10.783	ng/ul	100
23) Isophorone	9.658	82	353650	8.961	ng/ul	99
25) 2-Nitrophenol	9.846	139	90548	8.925	ng/ul	94
26) 2,4-Dimethylphenol	9.905	107	201315	10.169	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.140	93	248871	9.862	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	176282	9.894	ng/ul	99
30) Naphthalene	10.781	128	628905	10.622	ng/ul	99
32) 4-Chloroaniline	10.899	127	240205	9.454	ng/ul	98
33) Hexachlorobutadiene	11.063	225	131974	10.788	ng/ul	99
34) Caprolactam	11.687	113	40269m	6.629	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	159419	8.768	ng/ul	98
36) 2-Methylnaphthalene	12.393	142	390472	9.614	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	402420	9.634	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.757	216	241178	11.102	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	115072	8.140	ng/ul	99
41) 2,4,6-Trichlorophenol	12.999	196	132175	9.468	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	144981	9.668	ng/ul	98
43) 1,1'-Biphenyl	13.399	154	530011	10.461	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	433993	10.883	ng/ul	99
45) 2-Nitroaniline	13.651	65	85970	8.892	ng/ul	98
47) Dimethylphthalate	14.022	163	503349	9.795	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	72879	7.631	ng/ul	96
50) Acenaphthylene	14.287	152	607363	9.916	ng/ul	98
51) 3-Nitroaniline	14.475	138	65896	7.307	ng/ul#	99
52) Acenaphthene	14.628	153	442212	10.419	ng/ul	100
53) 2,4-Dinitrophenol	14.687	184	39909	6.114	ng/ul	99
55) 4-Nitrophenol	14.781	109	57143m	8.980	ng/ul	
56) Dibenzofuran	14.963	168	645099	10.690	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	116277	8.382	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.193	232	123524	9.026	ng/ul	97
59) Diethylphthalate	15.381	149	463457	9.277	ng/ul	99
61) Fluorene	15.616	166	517593	10.695	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	268117	10.476	ng/ul	98
63) 4-Nitroaniline	15.640	138	63524	8.005	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	73728	7.676	ng/ul#	95
67) N-Nitrosodiphenylamine	15.822	169	417723	9.865	ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	155165	9.355	ng/ul	97
69) Hexachlorobenzene	16.622	284	194548	9.879	ng/ul	99
70) Atrazine	16.781	200	141537	8.578	ng/ul	98
71) Pentachlorophenol	16.975	266	90600	7.596	ng/ul	93
72) Phenanthrene	17.369	178	853953	10.735	ng/ul	99
74) Anthracene	17.457	178	827695	10.420	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	236465	10.852	ng/uL	99
76) Pentachlorobenzene	14.887	250	230304	10.367	ng/uL	98
77) Carbazole	17.734	167	711067	10.630	ng/ul	99
78) Di-n-butylphthalate	18.275	149	648424	7.961	ng/ul	99
80) Fluoranthene	19.334	202	991934	9.420	ng/ul	97
82) Pyrene	19.686	202	1079914	9.942	ng/ul	99
83) Butylbenzylphthalate	20.551	149	283876	6.765	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.328	252	262098	7.178	ng/ul	98
85) Benzo(a)anthracene	21.398	228	1095064	10.206	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	393419	6.646	ng/ul	99
87) Chrysene	21.451	228	1094572	10.787	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	667690	6.497	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1182103	10.105	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1133670	9.773	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1034284	10.155	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	1416680	11.166	ng/ul	99
95) Dibenzo(a,h)anthracene	26.457	278	1184942	11.280	ng/ul	98
96) Benzo(g,h,i)perylene	27.233	276	1174038	11.527	ng/ul	98

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

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