Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
Data File : BP019330.D
Acq On : 12 Jan 2024 15:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 15:44:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020745

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

01/15/2024
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01/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	126956	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	526151	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	366987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	919109	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	960086	20.000	ng/ul	0.00
88) Perylene-d12	23.639	264	992879	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	27614	8.225	ng/uL	0.00
4) Pyridine-d5	3.634	84	206875	21.309	ng/ul	0.00
7) Phenol-d5	6.969	99	251248	20.706	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	156392	21.548	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	180295	21.630	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	205889	21.388	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	95320	21.534	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	110627	21.509	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	222903	21.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	279033	21.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	688685	21.241	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	725096	20.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	108691	21.831	ng/ul	0.00
60) Fluorene-d10	15.422	176	582978	21.962	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	133898	19.732	ng/ul	0.00
73) Anthracene-d10	17.281	188	975350	21.277	ng/ul	0.00
81) Pyrene-d10	19.527	212	1228814	19.628	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1142846	21.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	28928	8.318	ng/uL	96
5) Pyridine	3.658	79	211741	21.470	ng/ul	94
6) Benzaldehyde	6.928	77	143277	27.084	ng/ul	96
8) Phenol	6.993	94	257786	21.088	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.216	93	208152	21.228	ng/ul	100
12) 2-Chlorophenol	7.346	128	184066	21.365	ng/ul	99
13) 2-Methylphenol	8.240	108	194527	21.216	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	255674	21.913	ng/ul	98
16) Acetophenone	8.610	105	339562	22.144	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	178969	22.400	ng/ul	99
18) 4-Methylphenol	8.569	108	209779	21.491	ng/ul	98
19) Hexachloroethane	8.852	117	83033	21.338	ng/ul	98
22) Nitrobenzene	8.993	77	272848	22.034	ng/ul	96
23) Isophorone	9.516	82	518184	21.586	ng/ul	98
25) 2-Nitrophenol	9.699	139	116023	21.476	ng/ul	97
26) 2,4-Dimethylphenol	9.769	107	248321	21.317	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	295903	21.431	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	214093	21.380	ng/ul	96
30) Naphthalene	10.628	128	627374	21.161	ng/ul	100
32) 4-Chloroaniline	10.751	127	273178	21.274	ng/ul	98
33) Hexachlorobutadiene	10.899	225	176131	20.386	ng/ul	99
34) Caprolactam	11.546	113	69250m	22.052	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	245747	22.105	ng/ul	99
36) 2-Methylnaphthalene	12.240	142	460088	21.328	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	425823	20.175	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.610	216	322666	20.289	ng/ul	98
40) Hexachlorocyclopentadiene	12.581	237	178880	17.525	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	203680	20.812	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	217683	20.755	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	616333	20.330	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	501702	20.463	ng/ul	99
45) 2-Nitroaniline	13.522	65	161689	22.992	ng/ul	98
47) Dimethylphthalate	13.892	163	692682	21.497	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	142107	22.302	ng/ul	98
50) Acenaphthylene	14.145	152	801383	21.052	ng/ul	99
51) 3-Nitroaniline	14.351	138	124810	22.457	ng/ul	100
52) Acenaphthene	14.487	153	526495	21.109	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	81090	19.409	ng/ul	93
55) 4-Nitrophenol	14.681	109	119993	22.318	ng/ul	95
56) Dibenzofuran	14.828	168	780162	21.847	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	210821	23.581	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	211122	22.675	ng/ul	99
59) Diethylphthalate	15.257	149	678917	22.515	ng/ul	99
61) Fluorene	15.475	166	646533	22.104	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	378037	21.658	ng/ul	99
63) 4-Nitroaniline	15.516	138	112843	26.189	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	143883	20.006	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	550307	20.311	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	251605	20.041	ng/ul	96
69) Hexachlorobenzene	16.481	284	294701	20.369	ng/ul	100
70) Atrazine	16.651	200	249363	21.114	ng/ul	97
71) Pentachlorophenol	16.834	266	180762	20.116	ng/ul	98
72) Phenanthrene	17.222	178	1092460	21.160	ng/ul	99
74) Anthracene	17.316	178	1117632	21.354	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	310004	18.216	ng/uL	99
76) Pentachlorobenzene	14.740	250	323257	19.554	ng/uL	99
77) Carbazole	17.598	167	957448	21.503	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1161923	21.805	ng/ul	99
80) Fluoranthene	19.198	202	1427629	19.292	ng/ul	99
82) Pyrene	19.557	202	1462398	19.471	ng/ul	99
83) Butylbenzylphthalate	20.433	149	525561	20.396	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.210	252	484490	22.225	ng/ul	98
85) Benzo(a)anthracene	21.269	228	1544130	20.661	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	767219	20.742	ng/ul	100
87) Chrysene	21.322	228	1401405	20.513	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	1327540	19.589	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1463117	20.621	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1445971	21.007	ng/ul	100
93) Benzo(a)pyrene	23.533	252	1326430	20.804	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.080	276	1484001	19.681	ng/ul	100
95) Dibenzo(a,h)anthracene	26.098	278	1231748	19.733	ng/ul	99
96) Benzo(g,h,i)perylene	26.833	276	1151287	19.012	ng/ul	100

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

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