Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031312.D
Acq On : 30 Apr 2024 08:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 22:57:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 29 16:19:32 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020390

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	313268	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1450945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	993927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	2101237	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1892711	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1959355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	48734	7.243	ng/uL	0.00
4) Pyridine-d5	3.540	84	362361	18.806	ng/ul	0.00
7) Phenol-d5	6.793	99	453362	17.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	273630	18.539	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	369212	18.308	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	377835	18.087	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	190048	18.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	206273	18.329	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	388179	18.574	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	567399	18.735	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1171338	17.876	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1374473	18.078	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	233359	19.624	ng/ul	0.00
60) Fluorene-d10	15.263	176	1021350	18.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	186810	17.288	ng/ul	0.00
73) Anthracene-d10	17.116	188	1582631	18.250	ng/ul	0.00
81) Pyrene-d10	19.416	212	1825748	15.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1649502	18.184	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	51230	6.995	ng/uL	92
5) Pyridine	3.558	79	361882	18.695	ng/ul	96
6) Benzaldehyde	6.769	77	280271	22.144	ng/ul	95
8) Phenol	6.822	94	471066	18.386	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	383285	18.480	ng/ul	99
12) 2-Chlorophenol	7.181	128	383253	18.278	ng/ul	99
13) 2-Methylphenol	8.058	108	360631	18.124	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	504737	18.442	ng/ul	99
16) Acetophenone	8.440	105	595041	19.158	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	293456	17.995	ng/ul	99
18) 4-Methylphenol	8.387	108	400489	18.389	ng/ul	97
19) Hexachloroethane	8.681	117	157821	18.602	ng/ul	99
22) Nitrobenzene	8.816	77	446846	18.211	ng/ul	98
23) Isophorone	9.340	82	872736	18.227	ng/ul	100
25) 2-Nitrophenol	9.516	139	224994	18.326	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	422102	18.289	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	548034	18.197	ng/ul	100
29) 2,4-Dichlorophenol	10.046	162	375950	18.221	ng/ul	99
30) Naphthalene	10.446	128	1289960	18.092	ng/ul	99
32) 4-Chloroaniline	10.563	127	550858	18.996	ng/ul	99
33) Hexachlorobutadiene	10.722	225	220938	18.115	ng/ul	98
34) Caprolactam	11.351	113	132261m	17.945	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	437449	18.459	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	910295	18.414	ng/ul	93

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ALS Vial : 2 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	917963	18.357	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	446240	17.395	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	231418	16.116	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	311805	17.680	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	346172	17.998	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	1203254	17.824	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	936002	17.556	ng/ul	100
45) 2-Nitroaniline	13.351	65	280481	18.573	ng/ul	98
47) Dimethylphthalate	13.728	163	1219177	18.159	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	249128	19.017	ng/ul	99
50) Acenaphthylene	13.981	152	1579907	18.261	ng/ul	99
51) 3-Nitroaniline	14.181	138	275768	19.546	ng/ul	99
52) Acenaphthene	14.328	153	1028601	17.921	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	116776	15.598	ng/ul	88
55) 4-Nitrophenol	14.498	109	188293	19.777	ng/ul	99
56) Dibenzofuran	14.663	168	1422794	18.255	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	364897	18.992	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.892	232	300670	18.702	ng/ul	97
59) Diethylphthalate	15.098	149	1251740	18.498	ng/ul	98
61) Fluorene	15.316	166	1134845	18.264	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	540135	18.020	ng/ul	97
63) 4-Nitroaniline	15.351	138	266582	20.635	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.404	198	199619	17.234	ng/ul	98
67) N-Nitrosodiphenylamine	15.534	169	984496	17.634	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	350334	17.822	ng/ul	91
69) Hexachlorobenzene	16.316	284	407250	17.965	ng/ul	99
70) Atrazine	16.492	200	348633	19.225	ng/ul	95
71) Pentachlorophenol	16.663	266	260767	18.999	ng/ul	93
72) Phenanthrene	17.057	178	1897568	18.248	ng/ul	97
74) Anthracene	17.151	178	1900412	18.275	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	456210	17.141	ng/uL	98
76) Pentachlorobenzene	14.581	250	462107	17.704	ng/uL	94
77) Carbazole	17.428	167	1762496	19.405	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2199972	18.691	ng/ul	100
80) Fluoranthene	19.080	202	2211144	16.001	ng/ul	97
82) Pyrene	19.451	202	2278313	16.162	ng/ul	97
83) Butylbenzylphthalate	20.363	149	1006723	17.094	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.169	252	653850	19.308	ng/ul	98
85) Benzo(a)anthracene	21.233	228	2208895	17.883	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1430683	18.464	ng/ul	98
87) Chrysene	21.298	228	2053694	17.745	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	2517558	17.342	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2018415	16.999	ng/ul	95
91) Benzo(k)fluoranthene	23.286	252	2148586	18.399	ng/ul	97
93) Benzo(a)pyrene	24.010	252	1924587	18.122	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.374	276	2126791m	17.674	ng/ul	
95) Dibenzo(a,h)anthracene	27.445	278	1754337	17.550	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	1685730	17.367	ng/ul	98

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

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Misc :
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