Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
Data File : BN030520.D
Acq On : 28 Mar 2024 12:04
Operator : MA/JU
Sample : SSTD04035
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 02:12:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 12:36:22 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040213

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

03/30/2024
Supervised By :mohammad ahmed

03/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	252577	20.000	ng/ul	0.00
20) Naphthalene-d8	10.505	136	1186649	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	847264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1780785	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1657966	20.000	ng/ul	0.00
88) Perylene-d12	24.298	264	1789706	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	82625	14.165	ng/uL	0.00
4) Pyridine-d5	3.617	84	658150	36.677	ng/ul	0.00
7) Phenol-d5	6.881	99	842312	37.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	518289	36.462	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	664155	42.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	709763	38.188	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	351446	43.719	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	358836	49.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	712951	44.461	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	1146101	40.686	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2303989	39.308	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2703771	40.719	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	469521	41.626	ng/ul	0.01
60) Fluorene-d10	15.351	176	2002674	39.631	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	338192	45.673	ng/ul	0.00
73) Anthracene-d10	17.204	188	3191098	41.608	ng/ul	0.00
81) Pyrene-d10	19.504	212	3618407	41.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.104	264	3580922	42.950	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	90727	14.546	ng/uL	96
5) Pyridine	3.634	79	663805	36.824	ng/ul	98
6) Benzaldehyde	6.869	77	423010	38.968	ng/ul	98
8) Phenol	6.911	94	871951	37.233	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	717971	37.221	ng/ul	98
12) 2-Chlorophenol	7.281	128	692486	40.439	ng/ul	99
13) 2-Methylphenol	8.158	108	681405	37.901	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	1009879	37.815	ng/ul	99
16) Acetophenone	8.540	105	1135037	37.617	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	580321	36.247	ng/ul	99
18) 4-Methylphenol	8.487	108	759833	37.795	ng/ul	97
19) Hexachloroethane	8.793	117	281864	39.986	ng/ul	98
22) Nitrobenzene	8.916	77	846924	40.677	ng/ul	99
23) Isophorone	9.446	82	1735134	38.519	ng/ul	100
25) 2-Nitrophenol	9.622	139	406662	48.106	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	825326	40.309	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.928	93	1049673	37.683	ng/ul	99
29) 2,4-Dichlorophenol	10.152	162	713153	43.541	ng/ul	99
30) Naphthalene	10.557	128	2462993	40.014	ng/ul	100
32) 4-Chloroaniline	10.669	127	1096417	40.173	ng/ul	98
33) Hexachlorobutadiene	10.834	225	427332	43.704	ng/ul	100
34) Caprolactam	11.452	113	266499m	39.318	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	822231	41.235	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	1752459	40.469	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1773352	40.589	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	881189	41.914	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	511058	43.783	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	601916	45.260	ng/ul	98
42) 2,4,5-Trichlorophenol	12.852	196	667259	45.133	ng/ul	95
43) 1,1'-Biphenyl	13.193	154	2302842	39.356	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	1839160	40.471	ng/ul	99
45) 2-Nitroaniline	13.440	65	547060	43.576	ng/ul	98
47) Dimethylphthalate	13.828	163	2393224	39.131	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	497928	46.917	ng/ul	97
50) Acenaphthylene	14.081	152	3074182	39.570	ng/ul	100
51) 3-Nitroaniline	14.269	138	498725	42.668	ng/ul	100
52) Acenaphthene	14.422	153	2017645	39.447	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	205160	42.931	ng/ul	98
55) 4-Nitrophenol	14.575	109	361550	41.000	ng/ul	96
56) Dibenzofuran	14.763	168	2727478	38.810	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	720604	46.179	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.981	232	574564	46.125	ng/ul	98
59) Diethylphthalate	15.198	149	2444819	39.135	ng/ul	99
61) Fluorene	15.410	166	2161499	37.124	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	1053265	37.738	ng/ul	98
63) 4-Nitroaniline	15.434	138	487106	41.311	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.487	198	374619	45.720	ng/ul	98
67) N-Nitrosodiphenylamine	15.622	169	2004950	40.957	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	713338	43.235	ng/ul	94
69) Hexachlorobenzene	16.404	284	807028	41.518	ng/ul	99
70) Atrazine	16.581	200	725000	42.556	ng/ul	98
71) Pentachlorophenol	16.751	266	515364	44.604	ng/ul	98
72) Phenanthrene	17.151	178	3666798	39.809	ng/ul	100
74) Anthracene	17.240	178	3803247	40.496	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	894954	43.398	ng/uL	95
76) Pentachlorobenzene	14.675	250	891007	41.603	ng/uL	89
77) Carbazole	17.510	167	3427626	41.396	ng/ul	99
78) Di-n-butylphthalate	18.087	149	4361775	41.911	ng/ul	99
80) Fluoranthene	19.169	202	4359222	41.598	ng/ul	100
82) Pyrene	19.534	202	4485264	40.982	ng/ul	100
83) Butylbenzylphthalate	20.445	149	1919804	44.554	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.257	252	1353837	40.729	ng/ul	95
85) Benzo(a)anthracene	21.328	228	4515653	40.405	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.269	149	2837254	42.228	ng/ul	98
87) Chrysene	21.392	228	4158923	40.182	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	4920209	44.133	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	4276137	40.753	ng/ul	96
91) Benzo(k)fluoranthene	23.433	252	4414946	40.892	ng/ul	99
93) Benzo(a)pyrene	24.169	252	4163502	41.653	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.633	276	4638891	41.465	ng/ul	98
95) Dibenzo(a,h)anthracene	27.698	278	3898846	41.566	ng/ul	97
96) Benzo(g,h,i)perylene	28.680	276	3639243	41.297	ng/ul	95

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

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