Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034625.D
Acq On : 17 Oct 2024 17:19
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020342

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 17 17:54:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	201830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	822999	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	466304	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	871585	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	775518	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	892689	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	42988	8.523	ng/uL	0.00
4) Pyridine-d5	3.599	84	308697	20.961	ng/ul	0.00
7) Phenol-d5	6.834	99	333210	20.117	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	207792	20.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	267139	20.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	253663	19.651	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	121990	21.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	95579	21.118	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	219535	21.045	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	359969	20.115	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	595013	20.170	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	764842	20.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	110786	20.160	ng/ul	0.00
60) Fluorene-d10	15.292	176	518485	20.321	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	46885	16.048	ng/ul	0.00
73) Anthracene-d10	17.139	188	787894	21.147	ng/ul	0.00
81) Pyrene-d10	19.433	212	826024	20.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	843219	20.500	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	45588	8.412	ng/uL	98
5) Pyridine	3.616	79	315920	21.080	ng/ul	98
6) Benzaldehyde	6.810	77	228166	23.467	ng/ul	99
8) Phenol	6.857	94	348395	20.143	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.099	93	275213	20.180	ng/ul	97
12) 2-Chlorophenol	7.228	128	275909	20.648	ng/ul	99
13) 2-Methylphenol	8.099	108	252727	19.794	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	411002	20.006	ng/ul	100
16) Acetophenone	8.475	105	410616	19.920	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.469	70	195963	19.521	ng/ul	97
18) 4-Methylphenol	8.428	108	274255	19.814	ng/ul	99
19) Hexachloroethane	8.740	117	115996	20.818	ng/ul	98
22) Nitrobenzene	8.846	77	293367	21.414	ng/ul	100
23) Isophorone	9.375	82	544813	20.117	ng/ul	99
25) 2-Nitrophenol	9.557	139	115031	21.613	ng/ul	96
26) 2,4-Dimethylphenol	9.622	107	269719	20.308	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	339061	20.297	ng/ul	99
29) 2,4-Dichlorophenol	10.087	162	217740	20.631	ng/ul	97
30) Naphthalene	10.487	128	863663	20.877	ng/ul	99
32) 4-Chloroaniline	10.593	127	340129	20.045	ng/ul	100
33) Hexachlorobutadiene	10.787	225	130510	20.575	ng/ul	98
34) Caprolactam	11.334	113	79139	19.233	ng/ul	92
35) 4-Chloro-3-methylphenol	11.722	107	242806	20.578	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	557154	20.454	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	562417	20.283	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.475	216	244469	21.336	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	118052	19.395	ng/ul	100
41) 2,4,6-Trichlorophenol	12.716	196	146479	22.017	ng/ul	96
42) 2,4,5-Trichlorophenol	12.787	196	162765	22.079	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	679063	21.206	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	526508	21.036	ng/ul	98
45) 2-Nitroaniline	13.363	65	141183	21.504	ng/ul	99
47) Dimethylphthalate	13.763	163	607527	20.503	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	111069	21.639	ng/ul	94
50) Acenaphthylene	14.016	152	837171	21.085	ng/ul	99
51) 3-Nitroaniline	14.192	138	138702	21.171	ng/ul	94
52) Acenaphthene	14.363	153	569146	20.632	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	30410	15.187	ng/ul	97
55) 4-Nitrophenol	14.498	109	86043	21.381	ng/ul	100
56) Dibenzofuran	14.698	168	762088	20.790	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	156497	21.378	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	111242	21.052	ng/ul	98
59) Diethylphthalate	15.139	149	609107	20.261	ng/ul	100
61) Fluorene	15.345	166	613733	20.779	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	270883	20.430	ng/ul	96
63) 4-Nitroaniline	15.357	138	146670	22.470	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.416	198	56015	16.573	ng/ul#	86
67) N-Nitrosodiphenylamine	15.563	169	509466	20.743	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	155502	20.494	ng/ul	99
69) Hexachlorobenzene	16.351	284	180437	20.709	ng/ul	96
70) Atrazine	16.522	200	166939	20.290	ng/ul	99
71) Pentachlorophenol	16.686	266	90373	19.353	ng/ul	96
72) Phenanthrene	17.080	178	915214	21.038	ng/ul	98
74) Anthracene	17.175	178	954573	21.236	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	240982	22.082	ng/uL	99
76) Pentachlorobenzene	14.616	250	225673	21.609	ng/uL	99
77) Carbazole	17.439	167	889934	21.380	ng/ul	100
78) Di-n-butylphthalate	18.039	149	997429	20.595	ng/ul	99
80) Fluoranthene	19.098	202	987973	20.681	ng/ul	99
82) Pyrene	19.463	202	1062379	20.877	ng/ul	99
83) Butylbenzylphthalate	20.392	149	379080	20.094	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	307457	19.709	ng/ul	97
85) Benzo(a)anthracene	21.245	228	1023307	20.769	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	601945	20.336	ng/ul	98
87) Chrysene	21.310	228	953276	20.383	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1000439	19.283	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	993654	20.715	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	990640	20.210	ng/ul	99
93) Benzo(a)pyrene	24.015	252	965416	20.787	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	1193554	20.599	ng/ul	97
95) Dibenzo(a,h)anthracene	27.456	278	969829	20.597	ng/ul	99
96) Benzo(g,h,i)perylene	28.386	276	943775m	20.985	ng/ul	

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

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