Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034280.D
Acq On : 30 Sep 2024 16:49
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 17:21:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020322

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	209303	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	834305	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	506844	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	973345	20.000	ng/ul	0.00
79) Chrysene-d12	21.028	240	923932	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1058709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	41156	8.024	ng/uL	0.00
4) Pyridine-d5	3.387	84	263948	17.313	ng/ul	0.00
7) Phenol-d5	6.587	99	325297	17.512	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	212934	18.476	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	297662	20.357	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	262792	17.193	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	137717	20.710	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	134512	19.671	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	274638	21.326	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	356621	18.291	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	724182	19.119	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	873004	20.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	123395	15.874	ng/ul	0.00
60) Fluorene-d10	15.045	176	617484	19.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	104556	18.016	ng/ul	0.00
73) Anthracene-d10	16.898	188	928775	20.296	ng/ul	0.00
81) Pyrene-d10	19.204	212	1057800	20.548	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1126585	20.716	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	42415	7.839	ng/uL	90
5) Pyridine	3.405	79	261912	16.788	ng/ul	95
6) Benzaldehyde	6.546	77	194879	19.875	ng/ul	90
8) Phenol	6.611	94	330538	17.091	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.834	93	274479	18.260	ng/ul	97
12) 2-Chlorophenol	6.958	128	292117	19.494	ng/ul	95
13) 2-Methylphenol	7.840	108	247537	17.124	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.911	45	389967	17.592	ng/ul	99
16) Acetophenone	8.205	105	399165	16.486	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.199	70	185126	15.440	ng/ul	97
18) 4-Methylphenol	8.169	108	270501	16.814	ng/ul	95
19) Hexachloroethane	8.446	117	123659	19.566	ng/ul	90
22) Nitrobenzene	8.569	77	298869	17.956	ng/ul	96
23) Isophorone	9.099	82	503901	16.417	ng/ul	96
25) 2-Nitrophenol	9.275	139	143760	18.785	ng/ul	94
26) 2,4-Dimethylphenol	9.352	107	279524	17.753	ng/ul	89
27) Bis(2-Chloroethoxy)met...	9.587	93	349226	18.492	ng/ul	98
29) 2,4-Dichlorophenol	9.805	162	261498	20.054	ng/ul	97
30) Naphthalene	10.193	128	896155	19.637	ng/ul	100
32) 4-Chloroaniline	10.316	127	332477	17.305	ng/ul	98
33) Hexachlorobutadiene	10.487	225	178553	21.344	ng/ul	97
34) Caprolactam	11.087	113	90285m	17.391	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	245819	16.013	ng/ul	91
36) 2-Methylnaphthalene	11.816	142	595071	18.930	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	596614	18.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.199	216	309323	21.140	ng/ul	98
40) Hexachlorocyclopentadiene	12.181	237	203132	22.563	ng/ul	98
41) 2,4,6-Trichlorophenol	12.451	196	179277	18.482	ng/ul	95
42) 2,4,5-Trichlorophenol	12.522	196	222544	20.886	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	750185	19.632	ng/ul	98
44) 2-Chloronaphthalene	12.899	162	585746	19.677	ng/ul	98
45) 2-Nitroaniline	13.116	65	145389	15.114	ng/ul	90
47) Dimethylphthalate	13.516	163	695828	18.024	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	138231	18.184	ng/ul	94
50) Acenaphthylene	13.757	152	898338	19.266	ng/ul	99
51) 3-Nitroaniline	13.957	138	143978	17.139	ng/ul	91
52) Acenaphthene	14.104	153	634120	19.049	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	82292	18.405	ng/ul#	82
55) 4-Nitrophenol	14.287	109	133262	20.186	ng/ul	85
56) Dibenzofuran	14.446	168	859765	18.886	ng/ul	95
57) 2,4-Dinitrotoluene	14.422	165	203716	17.776	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.681	232	170788	19.316	ng/ul	92
59) Diethylphthalate	14.898	149	696847	17.274	ng/ul	99
61) Fluorene	15.098	166	686028	18.422	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.104	204	333121	18.456	ng/ul	99
63) 4-Nitroaniline	15.134	138	141007	16.312	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.193	198	111649	17.325	ng/ul	93
67) N-Nitrosodiphenylamine	15.322	169	596940	20.466	ng/ul	98
68) 4-Bromophenyl-phenylether	16.004	248	202300	20.468	ng/ul#	87
69) Hexachlorobenzene	16.104	284	248375	21.650	ng/ul	94
70) Atrazine	16.292	200	201493	19.067	ng/ul	99
71) Pentachlorophenol	16.451	266	139881	18.308	ng/ul	97
72) Phenanthrene	16.840	178	1060553	19.761	ng/ul	99
74) Anthracene	16.928	178	1069095	19.508	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.822	216	308308	22.759	ng/uL	97
76) Pentachlorobenzene	14.363	250	299148	21.688	ng/uL	99
77) Carbazole	17.210	167	945085	18.737	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1160166	18.094	ng/ul	98
80) Fluoranthene	18.869	202	1204463	20.014	ng/ul	99
82) Pyrene	19.233	202	1285506	19.870	ng/ul	97
83) Butylbenzylphthalate	20.175	149	503310	17.347	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.957	252	383613	18.484	ng/ul	98
85) Benzo(a)anthracene	21.010	228	1291480	19.605	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.975	149	778921	18.342	ng/ul	98
87) Chrysene	21.069	228	1197368	19.050	ng/ul	98
89) Di-n-octyl phthalate	22.016	149	1246434	17.693	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1260265	19.524	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	1312422	20.610	ng/ul	99
93) Benzo(a)pyrene	23.610	252	1210322	19.849	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.727	276	1537499	20.350	ng/ul	98
95) Dibenzo(a,h)anthracene	26.786	278	1252014	20.501	ng/ul	96
96) Benzo(g,h,i)perylene	27.657	276	1207247	20.583	ng/ul	98

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

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