Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
Data File : BN033368.D
Acq On : 13 Aug 2024 18:10
Operator : MA/JU
Sample : SSTD02076
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 01:50:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 01:18:11 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020212

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/15/2024

Supervised By :mohammad ahmed
08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	227825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	1075764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	755591	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	1606824	20.000	ng/ul	0.00
79) Chrysene-d12	21.192	240	1673357	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1984186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	46190	8.388	ng/uL	0.00
4) Pyridine-d5	3.540	84	346276	22.338	ng/ul	0.00
7) Phenol-d5	6.746	99	421024	21.557	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	276645	24.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.105	132	329779	22.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	351520	22.079	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	168230	20.453	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	142154	16.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	326830	20.604	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	533072	22.634	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	1141842	21.692	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	1276969	21.098	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	216847	20.575	ng/ul	0.00
60) Fluorene-d10	15.210	176	982845	22.067	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	127301	15.762	ng/ul	0.00
73) Anthracene-d10	17.057	188	1547393	22.494	ng/ul	0.00
81) Pyrene-d10	19.357	212	1834160	20.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2074320	21.894	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	50442	8.561	ng/uL	100
5) Pyridine	3.558	79	357743	23.080	ng/ul	100
6) Benzaldehyde	6.722	77	271234	29.608	ng/ul	100
8) Phenol	6.775	94	443180	22.296	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.011	93	362797	22.074	ng/ul	100
12) 2-Chlorophenol	7.140	128	343768	22.043	ng/ul	100
13) 2-Methylphenol	8.010	108	338285	22.035	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.093	45	602582	31.849	ng/ul	100
16) Acetophenone	8.381	105	582605	24.147	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.375	70	300899	24.066	ng/ul	100
18) 4-Methylphenol	8.334	108	382806	23.003	ng/ul	100
19) Hexachloroethane	8.640	117	142258	21.541	ng/ul	100
22) Nitrobenzene	8.752	77	421410	21.504	ng/ul	100
23) Isophorone	9.281	82	854156	21.248	ng/ul	100
25) 2-Nitrophenol	9.457	139	171862	18.514	ng/ul	100
26) 2,4-Dimethylphenol	9.528	107	408350	22.613	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.769	93	521749	20.825	ng/ul	100
29) 2,4-Dichlorophenol	9.987	162	338660	21.623	ng/ul	100
30) Naphthalene	10.387	128	1206856	21.677	ng/ul	100
32) 4-Chloroaniline	10.493	127	530100	23.183	ng/ul	100
33) Hexachlorobutadiene	10.687	225	213707	22.718	ng/ul	100
34) Caprolactam	11.246	113	132174m	21.620	ng/ul	
35) 4-Chloro-3-methylphenol	11.628	107	394511	21.550	ng/ul	100
36) 2-Methylnaphthalene	12.010	142	853890	22.438	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	863001	22.601	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	434215	21.729	ng/ul	100
40) Hexachlorocyclopentadiene	12.369	237	227504	19.754	ng/ul	100
41) 2,4,6-Trichlorophenol	12.628	196	265323	19.562	ng/ul	100
42) 2,4,5-Trichlorophenol	12.693	196	303563	20.596	ng/ul	100
43) 1,1'-Biphenyl	13.040	154	1130576	21.273	ng/ul	100
44) 2-Chloronaphthalene	13.075	162	870381	20.909	ng/ul	100
45) 2-Nitroaniline	13.275	65	258035	21.385	ng/ul	100
47) Dimethylphthalate	13.681	163	1143817	21.247	ng/ul	100
48) 2,6-Dinitrotoluene	13.787	165	210855	19.705	ng/ul	100
50) Acenaphthylene	13.928	152	1391563	20.343	ng/ul	100
51) 3-Nitroaniline	14.110	138	239254	20.912	ng/ul	100
52) Acenaphthene	14.275	153	982914	21.717	ng/ul	100
53) 2,4-Dinitrophenol	14.316	184	81672	15.118	ng/ul	100
55) 4-Nitrophenol	14.422	109	169698	21.705	ng/ul	100
56) Dibenzofuran	14.610	168	1371665	22.306	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	318281	20.271	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.840	232	244318	19.817	ng/ul	100
59) Diethylphthalate	15.063	149	1207897	21.744	ng/ul	100
61) Fluorene	15.263	166	1148587	23.195	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	535234	22.316	ng/ul	100
63) 4-Nitroaniline	15.281	138	263119	24.158	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.339	198	149585	17.422	ng/ul	100
67) N-Nitrosodiphenylamine	15.481	169	983448	22.204	ng/ul	100
68) 4-Bromophenyl-phenylether	16.163	248	332042	21.328	ng/ul	100
69) Hexachlorobenzene	16.269	284	366374	20.763	ng/ul	100
70) Atrazine	16.445	200	371524	26.567	ng/ul	100
71) Pentachlorophenol	16.610	266	223976	19.839	ng/ul	100
72) Phenanthrene	17.004	178	1836883	22.441	ng/ul	100
74) Anthracene	17.092	178	1857756	22.399	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	433718	20.971	ng/uL	100
76) Pentachlorobenzene	14.534	250	456909	22.682	ng/uL	100
77) Carbazole	17.363	167	1771632	25.051	ng/ul	100
78) Di-n-butylphthalate	17.963	149	2184190	22.448	ng/ul	100
80) Fluoranthene	19.028	202	2171888	20.295	ng/ul	100
82) Pyrene	19.392	202	2309068	21.030	ng/ul	100
83) Butylbenzylphthalate	20.327	149	965880	18.625	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.110	252	785008	24.464	ng/ul	100
85) Benzo(a)anthracene	21.180	228	2340023	20.892	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.151	149	1547725	20.474	ng/ul	100
87) Chrysene	21.233	228	2249548	21.502	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	2563103	19.295	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2440470	20.577	ng/ul	100
91) Benzo(k)fluoranthene	23.198	252	2443866	20.999	ng/ul	100
93) Benzo(a)pyrene	23.898	252	2351867	21.173	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.174	276	2900681	22.662	ng/ul	100
95) Dibenzo(a,h)anthracene	27.245	278	2354788	22.533	ng/ul	100
96) Benzo(g,h,i)perylene	28.162	276	2215334	21.772	ng/ul	100

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

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