Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029740.D
Acq On : 13 Feb 2024 19:28
Operator : MA/JU
Sample : PB158950BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 13 22:29:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS950

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	248791	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.669	136	1044672	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.516	164	526965	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.269	188	919030	20.000	ng/ul	-0.01
79) Chrysene-d12	21.468	240	647027	20.000	ng/ul	-0.01
88) Perylene-d12	23.833	264	716829	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	39256	5.190	ng/uL	0.00
4) Pyridine-d5	3.728	84	534314	26.488	ng/ul	-0.01
7) Phenol-d5	7.040	99	644982	27.716	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	426630	27.470	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	494095	29.300	ng/ul	-0.02
15) 4-Methylphenol-d8	8.587	113	487126	28.068	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	232635	28.692	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	230205	32.600	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.293	165	414147	29.713	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	596789	25.098	ng/ul	-0.02
46) Dimethylphthalate-d6	13.939	166	1066174	27.175	ng/ul	-0.01
49) Acenaphthylene-d8	14.210	160	1316952	28.266	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	181012	24.309	ng/ul	0.00
60) Fluorene-d10	15.510	176	888061	26.608	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.633	200	131920	29.459	ng/ul	-0.01
73) Anthracene-d10	17.369	188	1204308	27.961	ng/ul	-0.01
81) Pyrene-d10	19.663	212	1189605	30.637	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.686	264	1066493	29.733	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	83666	10.680	ng/uL	98
5) Pyridine	3.746	79	570057	27.316	ng/ul	99
6) Benzaldehyde	7.016	77	364471	34.940	ng/ul	97
8) Phenol	7.069	94	707605	29.669	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.310	93	575974	28.720	ng/ul	98
12) 2-Chlorophenol	7.434	128	539759	30.508	ng/ul	99
13) 2-Methylphenol	8.316	108	506845	29.450	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	767295m	29.295	ng/ul	
16) Acetophenone	8.704	105	808086	29.256	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	440637	30.899	ng/ul	98
18) 4-Methylphenol	8.651	108	534542	29.393	ng/ul	99
19) Hexachloroethane	8.940	117	229858	27.996	ng/ul	94
22) Nitrobenzene	9.081	77	658672	28.671	ng/ul	99
23) Isophorone	9.604	82	1168439	29.199	ng/ul	99
25) 2-Nitrophenol	9.787	139	270195	33.507	ng/ul	98
26) 2,4-Dimethylphenol	9.851	107	481926	24.937	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.098	93	730724	28.734	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	429680	29.834	ng/ul	97
30) Naphthalene	10.722	128	1686046	28.236	ng/ul	99
32) 4-Chloroaniline	10.840	127	512580	21.836	ng/ul	100
33) Hexachlorobutadiene	10.993	225	251937	28.344	ng/ul	98
34) Caprolactam	11.616	113	136523m	28.487	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	498865	29.988	ng/ul	99
36) 2-Methylnaphthalene	12.334	142	1045188	28.554	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1033342	28.475	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	464658	29.748	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	236343	23.148	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	276828	30.748	ng/ul	96
42) 2,4,5-Trichlorophenol	13.016	196	310904	30.733	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	1289060	29.006	ng/ul	97
44) 2-Chloronaphthalene	13.392	162	1007000	29.155	ng/ul	97
45) 2-Nitroaniline	13.604	65	316024	31.121	ng/ul	95
47) Dimethylphthalate	13.986	163	1179667	29.374	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	228310	31.770	ng/ul	98
50) Acenaphthylene	14.239	152	1610854	28.808	ng/ul	99
51) 3-Nitroaniline	14.434	138	241880	28.920	ng/ul	98
52) Acenaphthene	14.581	153	1069708	28.960	ng/ul	92
53) 2,4-Dinitrophenol	14.639	184	93593	25.663	ng/ul	91
55) 4-Nitrophenol	14.739	109	167604	24.615	ng/ul	95
56) Dibenzofuran	14.916	168	1378259	28.257	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	314535	31.088	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.139	232	204650	28.504	ng/ul	96
59) Diethylphthalate	15.351	149	1181872	28.649	ng/ul	99
61) Fluorene	15.569	166	1093954	28.374	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	507627	29.437	ng/ul	92
63) 4-Nitroaniline	15.598	138	234928	31.121	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	148983	30.177	ng/ul	98
67) N-Nitrosodiphenylamine	15.781	169	885648	30.925	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	273042	31.389	ng/ul	95
69) Hexachlorobenzene	16.563	284	297523	30.345	ng/ul	98
70) Atrazine	16.745	200	152401	17.033	ng/ul	99
71) Pentachlorophenol	16.910	266	151446	26.597	ng/ul	96
72) Phenanthrene	17.310	178	1570383	29.539	ng/ul	99
74) Anthracene	17.404	178	1542876	28.918	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	452009	33.517	ng/uL	95
76) Pentachlorobenzene	14.828	250	402739	33.351	ng/uL	99
77) Carbazole	17.675	167	1321230	27.113	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1726919	29.470	ng/ul	99
80) Fluoranthene	19.333	202	1549615	32.854	ng/ul	99
82) Pyrene	19.698	202	1558553	31.235	ng/ul	95
83) Butylbenzylphthalate	20.616	149	645735	31.754	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	373670	29.816	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1405672	29.574	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	932563	29.646	ng/ul	99
87) Chrysene	21.504	228	1331562	29.893	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	1495927	26.922	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1318087	29.193	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1391703	30.114	ng/ul	99
93) Benzo(a)pyrene	23.733	252	1322266	30.538	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.286	276	1647541m	31.247	ng/ul	
95) Dibenzo(a,h)anthracene	26.309	278	1358872	31.568	ng/ul	96
96) Benzo(g,h,i)perylene	27.045	276	1357852	30.790	ng/ul	96

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

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