Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024580.D
Acq On : 28 Mar 2023 11:31
Operator : CG/JU
Sample : SSTD01084
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 02:46:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 02:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010204

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

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03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	326318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1445387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	908803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1960590	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1795759	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	2060270	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	33242	3.950	ng/uL	0.00
4) Pyridine-d5	3.805	84	222466	9.154	ng/ul	0.00
7) Phenol-d5	7.158	99	279809	9.061	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	196691	9.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	215585	9.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	223405	9.046	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	104726	9.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	110321	8.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	212247	9.438	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	327243	9.537	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	687667	9.840	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	764518	9.607	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	128957	8.816	ng/ul	0.00
60) Fluorene-d10	15.634	176	591776	9.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	104604	8.100	ng/ul	0.00
73) Anthracene-d10	17.486	188	909865	9.867	ng/ul	0.00
81) Pyrene-d10	19.775	212	1040180	10.018	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	993973	9.521	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	35717	3.939	ng/uL	96
5) Pyridine	3.822	79	237113	9.373	ng/ul#	95
6) Benzaldehyde	7.134	77	163633	11.609	ng/ul	96
8) Phenol	7.181	94	298388	9.308	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	245444	9.710	ng/ul	97
12) 2-Chlorophenol	7.563	128	228387	9.561	ng/ul	99
13) 2-Methylphenol	8.446	108	217538	9.087	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	439963	9.798	ng/ul	99
16) Acetophenone	8.828	105	381727	9.901	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	194219	9.572	ng/ul	97
18) 4-Methylphenol	8.775	108	245194	9.226	ng/ul	99
19) Hexachloroethane	9.087	117	89176	9.453	ng/ul	97
22) Nitrobenzene	9.210	77	281746	9.482	ng/ul	99
23) Isophorone	9.740	82	517767	9.375	ng/ul	98
25) 2-Nitrophenol	9.928	139	124643	9.260	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	268299	9.596	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	349541	9.862	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	217781	9.548	ng/ul	97
30) Naphthalene	10.869	128	786648	9.795	ng/ul	99
32) 4-Chloroaniline	10.981	127	340133	9.789	ng/ul	100
33) Hexachlorobutadiene	11.151	225	129025	9.822	ng/ul	97
34) Caprolactam	11.751	113	66775m	8.500	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	247856	9.504	ng/ul	96
36) 2-Methylnaphthalene	12.475	142	527328	9.807	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	522510	9.808	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.840	216	261459	9.705	ng/ul	95
40) Hexachlorocyclopentadiene	12.822	237	149815	8.837	ng/ul	94
41) 2,4,6-Trichlorophenol	13.075	196	169266	9.431	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	185644	9.411	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	723064	10.014	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	558164	9.902	ng/ul	99
45) 2-Nitroaniline	13.722	65	155358	8.871	ng/ul	95
47) Dimethylphthalate	14.092	163	703269	9.909	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	119780	8.910	ng/ul	94
50) Acenaphthylene	14.363	152	856608	9.832	ng/ul	97
51) 3-Nitroaniline	14.545	138	130790	9.153	ng/ul	99
52) Acenaphthene	14.704	153	610999	10.064	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	62903	6.889	ng/ul	92
55) 4-Nitrophenol	14.845	109	103422	9.241	ng/ul	97
56) Dibenzofuran	15.040	168	846157	10.016	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	178078	9.042	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	156058	9.493	ng/ul#	96
59) Diethylphthalate	15.451	149	673683	9.701	ng/ul	99
61) Fluorene	15.687	166	682917	10.081	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	325343	10.123	ng/ul	98
63) 4-Nitroaniline	15.704	138	131149	9.317	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.763	198	105462	8.258	ng/ul#	99
67) N-Nitrosodiphenylamine	15.892	169	576917	9.840	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	191699	9.796	ng/ul	97
69) Hexachlorobenzene	16.692	284	226483	9.834	ng/ul	98
70) Atrazine	16.839	200	184447	9.208	ng/ul	99
71) Pentachlorophenol	17.034	266	121472	8.629	ng/ul	94
72) Phenanthrene	17.428	178	1092655	9.946	ng/ul	99
74) Anthracene	17.522	178	1105499	10.016	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	272976	9.739	ng/uL	99
76) Pentachlorobenzene	14.957	250	265023	9.734	ng/uL	96
77) Carbazole	17.792	167	984046	9.916	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1053111	9.365	ng/ul	100
80) Fluoranthene	19.445	202	1229729	9.987	ng/ul	97
82) Pyrene	19.804	202	1325488	10.211	ng/ul	99
83) Butylbenzylphthalate	20.698	149	437632	8.854	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	403763	9.619	ng/ul	97
85) Benzo(a)anthracene	21.563	228	1266807	9.986	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.480	149	630610	9.151	ng/ul	98
87) Chrysene	21.616	228	1202778	10.020	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	1032811	8.277	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1327864	9.843	ng/ul	96
91) Benzo(k)fluoranthene	23.351	252	1244421	9.662	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1155255	9.779	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.662	276	1446277m	9.585	ng/ul	
95) Dibenzo(a,h)anthracene	26.680	278	1202961m	9.603	ng/ul	
96) Benzo(g,h,i)perylene	27.474	276	1202566m	9.615	ng/ul	

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

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