Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041723\
Data File : BN024948.D
Acq On : 17 Apr 2023 10:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020275

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 01:21:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 01:19:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	352667	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1548183	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	969438	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2113149	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	2078068	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	2287934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	77301	8.342	ng/uL	0.00
4) Pyridine-d5	3.728	84	571296	20.590	ng/ul	0.00
7) Phenol-d5	7.087	99	691364	20.108	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	473997	20.611	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	527342	20.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	550366	20.163	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	266431	21.254	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	290603	21.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	526258	21.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	766314	20.807	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	1611046	21.437	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1856753	21.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	303548	19.704	ng/ul	0.00
60) Fluorene-d10	15.569	176	1371327	21.612	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	278397	20.244	ng/ul	0.00
73) Anthracene-d10	17.427	188	2124752	21.409	ng/ul	0.00
81) Pyrene-d10	19.721	212	2487500	20.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2475372	20.692	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	84962	8.497	ng/uL	99
5) Pyridine	3.752	79	588397	20.525	ng/ul	98
6) Benzaldehyde	7.063	77	407607	24.263	ng/ul	98
8) Phenol	7.116	94	733524	20.485	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.352	93	588113	20.920	ng/ul	98
12) 2-Chlorophenol	7.487	128	547843	20.759	ng/ul	99
13) 2-Methylphenol	8.375	108	530105	20.164	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1127745	20.430	ng/ul	99
16) Acetophenone	8.757	105	894330	20.721	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.746	70	475197	20.412	ng/ul	100
18) 4-Methylphenol	8.704	108	593207	20.291	ng/ul	94
19) Hexachloroethane	9.010	117	221635	20.809	ng/ul	98
22) Nitrobenzene	9.140	77	721747	21.427	ng/ul	99
23) Isophorone	9.669	82	1286014	20.799	ng/ul	98
25) 2-Nitrophenol	9.857	139	314688	21.485	ng/ul	96
26) 2,4-Dimethylphenol	9.916	107	654716	21.231	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.151	93	799407	20.775	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	522825	21.465	ng/ul	98
30) Naphthalene	10.793	128	1835590	21.230	ng/ul	99
32) 4-Chloroaniline	10.910	127	795848	21.346	ng/ul	99
33) Hexachlorobutadiene	11.075	225	310442	21.867	ng/ul	97
34) Caprolactam	11.681	113	169492m	19.854	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	614482	21.517	ng/ul	99
36) 2-Methylnaphthalene	12.404	142	1229189	21.511	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.622	142	1218091	21.354	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.775	216	605955	21.429	ng/ul	99
40)	Hexachlorocyclopentadiene	12.751	237	320565	18.591	ng/ul	99
41)	2,4,6-Trichlorophenol	13.010	196	410385	21.241	ng/ul	99
42)	2,4,5-Trichlorophenol	13.081	196	457692	21.647	ng/ul	100
43)	1,1'-Biphenyl	13.410	154	1623408	21.018	ng/ul	96
44)	2-Chloronaphthalene	13.457	162	1280810	21.356	ng/ul	99
45)	2-Nitroaniline	13.663	65	449079	21.443	ng/ul	97
47)	Dimethylphthalate	14.034	163	1607281	21.256	ng/ul	100
48)	2,6-Dinitrotoluene	14.157	165	322977	21.883	ng/ul	95
50)	Acenaphthylene	14.298	152	2012335	21.274	ng/ul	100
51)	3-Nitroaniline	14.486	138	330638	21.317	ng/ul	98
52)	Acenaphthene	14.639	153	1386905	21.208	ng/ul	98
53)	2,4-Dinitrophenol	14.692	184	172470	18.174	ng/ul	93
55)	4-Nitrophenol	14.792	109	253918	20.251	ng/ul	98
56)	Dibenzofuran	14.975	168	1926764	21.376	ng/ul	97
57)	2,4-Dinitrotoluene	14.945	165	477326	22.342	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.204	232	390616	22.436	ng/ul	96
59)	Diethylphthalate	15.398	149	1622928	21.359	ng/ul	98
61)	Fluorene	15.628	166	1588232	21.907	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.616	204	739883	21.925	ng/ul	98
63)	4-Nitroaniline	15.651	138	331375	21.680	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.704	198	281548	20.900	ng/ul	99
67)	N-Nitrosodiphenylamine	15.833	169	1342758	20.945	ng/ul	98
68)	4-Bromophenyl-phenylether	16.516	248	458875	21.604	ng/ul	99
69)	Hexachlorobenzene	16.628	284	509038	21.167	ng/ul	98
70)	Atrazine	16.786	200	470846	21.584	ng/ul	97
71)	Pentachlorophenol	16.975	266	306148	20.481	ng/ul	97
72)	Phenanthrene	17.369	178	2549508	21.380	ng/ul	99
74)	Anthracene	17.463	178	2603781	21.669	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.381	216	631247	21.002	ng/uL	98
76)	Pentachlorobenzene	14.898	250	613298	21.328	ng/uL	98
77)	Carbazole	17.733	167	2360020	21.752	ng/ul	98
78)	Di-n-butylphthalate	18.292	149	2779276	21.582	ng/ul	99
80)	Fluoranthene	19.386	202	2963664	20.492	ng/ul	100
82)	Pyrene	19.751	202	3096394	20.340	ng/ul	97
83)	Butylbenzylphthalate	20.651	149	1285985	20.348	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.439	252	962633	20.190	ng/ul	99
85)	Benzo(a)anthracene	21.510	228	3060539	20.506	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.427	149	1904275	20.184	ng/ul	98
87)	Chrysene	21.563	228	2941288	20.690	ng/ul	98
89)	Di-n-octyl phthalate	22.374	149	3283420	20.883	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	3113056	20.748	ng/ul	95
91)	Benzo(k)fluoranthene	23.274	252	3125194	21.167	ng/ul	99
93)	Benzo(a)pyrene	23.868	252	2761826	21.024	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.533	276	3163924	19.878	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.551	278	2587544	19.691	ng/ul	99
96)	Benzo(g,h,i)perylene	27.327	276	2555560	19.787	ng/ul	98

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

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