Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
Data File : BN014752.D
Acq On : 26 May 2021 01:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020061

Manual Integrations APPROVED
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5/26/2021 4:27:51 PM

Quant Time: May 26 02:38:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 01:23:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	202004	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	836966	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	658506	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1591993	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	2021180	20.00	ng/ul	0.00
88) Perylene-d12	23.574	264	2550907	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	35597	7.18	ng/uL	0.00
4) Pyridine-d5	3.634	84	225406	18.04	ng/ul	0.00
7) Phenol-d5	6.887	99	377781	19.10	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	186295	18.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	245439	20.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	293178	19.06	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	131720	20.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	136294	20.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	296100	19.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	355091	19.49	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1039506	19.87	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1209208	19.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	158793	19.11	ng/ul	0.00
60) Fluorene-d10	15.357	176	898944	19.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	171647	19.71	ng/ul	0.00
73) Anthracene-d10	17.216	188	1524486	20.50	ng/ul	0.00
81) Pyrene-d10	19.516	212	1954263	20.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	2712879	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	41407m	7.11	ng/uL	
5) Pyridine	3.652	79	238811	18.24	ng/ul	89
6) Benzaldehyde	6.858	77	250104	23.48	ng/ul	90
8) Phenol	6.910	94	397000	19.51	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.140	93	301217	19.18	ng/ul	95
12) 2-Chlorophenol	7.275	128	254915	19.88	ng/ul	97
13) 2-Methylphenol	8.157	108	296428	19.83	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.234	45	197597m	19.94	ng/ul	
16) Acetophenone	8.528	105	520265	20.44	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.516	70	258586	21.09	ng/ul#	95
18) 4-Methylphenol	8.481	108	316090	19.39	ng/ul	99
19) Hexachloroethane	8.787	117	123315	19.21	ng/ul	95
22) Nitrobenzene	8.904	77	388003	19.72	ng/ul	93
23) Isophorone	9.428	82	729012	19.51	ng/ul	99
25) 2-Nitrophenol	9.616	139	143306	19.90	ng/ul	91
26) 2,4-Dimethylphenol	9.681	107	423485	19.10	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	431629	19.01	ng/ul#	93
29) 2,4-Dichlorophenol	10.151	162	293187	19.78	ng/ul	95
30) Naphthalene	10.546	128	882441	19.40	ng/ul	99
32) 4-Chloroaniline	10.657	127	381238	19.66	ng/ul	96
33) Hexachlorobutadiene	10.834	225	259365	19.57	ng/ul	92
34) Caprolactam	11.404	113	88171m	18.42	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	419957	19.56	ng/ul	94
36) 2-Methylnaphthalene	12.169	142	679692	20.04	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.387	142	655411	19.66	ng/ul	85
39)	1,2,4,5-Tetrachloroben...	12.540	216	483403	19.42	ng/ul	92
40)	Hexachlorocyclopentadiene	12.522	237	320912	19.46	ng/ul	98
41)	2,4,6-Trichlorophenol	12.787	196	274117	19.61	ng/ul	91
42)	2,4,5-Trichlorophenol	12.863	196	301905	19.79	ng/ul	99
43)	1,1'-Biphenyl	13.192	154	911750	19.35	ng/ul	97
44)	2-Chloronaphthalene	13.228	162	768181	20.35	ng/ul	98
45)	2-Nitroaniline	13.434	65	233814	20.34	ng/ul	98
47)	Dimethylphthalate	13.822	163	1015798	19.63	ng/ul	98
48)	2,6-Dinitrotoluene	13.940	165	196714	20.46	ng/ul	93
50)	Acenaphthylene	14.081	152	1111516	19.98	ng/ul	98
51)	3-Nitroaniline	14.269	138	186821	20.02	ng/ul	90
52)	Acenaphthene	14.428	153	794610	19.72	ng/ul	98
53)	2,4-Dinitrophenol	14.475	184	131269	18.80	ng/ul	99
55)	4-Nitrophenol	14.587	109	230636	14.48	ng/ul	93
56)	Dibenzofuran	14.763	168	1205537	20.11	ng/ul	92
57)	2,4-Dinitrotoluene	14.728	165	315770	20.61	ng/ul#	99
58)	2,3,4,6-Tetrachlorophenol	14.992	232	310931	19.81	ng/ul	98
59)	Diethylphthalate	15.192	149	985797	19.82	ng/ul	95
61)	Fluorene	15.416	166	932963	20.68	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.416	204	538139	20.17	ng/ul	96
63)	4-Nitroaniline	15.434	138	200487m	21.15	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.492	198	174025	20.43	ng/ul	92
67)	N-Nitrosodiphenylamine	15.628	169	890824	20.77	ng/ul	98
68)	4-Bromophenyl-phenylether	16.310	248	421320	20.32	ng/ul	90
69)	Hexachlorobenzene	16.428	284	520386	20.07	ng/ul#	90
70)	Atrazine	16.581	200	365782	20.63	ng/ul	94
71)	Pentachlorophenol	16.769	266	268409	17.98	ng/ul	95
72)	Phenanthrene	17.157	178	1689367	20.31	ng/ul	97
74)	Anthracene	17.251	178	1732741	20.67	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.151	216	518950	19.73	ng/uL	95
76)	Pentachlorobenzene	14.681	250	555344	20.41	ng/uL	97
77)	Carbazole	17.516	167	1498309	21.21	ng/ul	99
78)	Di-n-butylphthalate	18.092	149	1704569	20.47	ng/ul	98
80)	Fluoranthene	19.180	202	2231319	19.86	ng/ul	98
82)	Pyrene	19.545	202	2358456	20.41	ng/ul	98
83)	Butylbenzylphthalate	20.457	149	800818	20.62	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.233	252	898685	23.58	ng/ul	97
85)	Benzo(a)anthracene	21.298	228	2630971	20.88	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.239	149	1149535	20.54	ng/ul#	98
87)	Chrysene	21.351	228	2573504	20.28	ng/ul	98
89)	Di-n-octyl phthalate	22.121	149	2291934	20.31	ng/ul	100
90)	Benzo(b)fluoranthene	22.898	252	3071608	20.06	ng/ul	97
91)	Benzo(k)fluoranthene	22.939	252	3035606	19.90	ng/ul	98
93)	Benzo(a)pyrene	23.480	252	2718837	19.62	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.857	276	3760368	19.81	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.874	278	3115581	19.83	ng/ul	100
96)	Benzo(g,h,i)perylene	26.562	276	3327195	19.80	ng/ul	95

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

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