Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017129.D
Acq On : 27 Oct 2021 15:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020267

Manual Integrations APPROVED
mohammad
10/28/2021 11:11:42 AM

Quant Time: Oct 27 16:13:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:29:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	278301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1307920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.186	164	880493	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1919036	20.000	ng/ul	0.00
79) Chrysene-d12	21.156	240	1904243	20.000	ng/ul	0.00
88) Perylene-d12	23.368	264	2017675	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	53703	6.990	ng/uL	0.00
4) Pyridine-d5	3.457	84	369782	17.969	ng/ul	0.00
7) Phenol-d5	6.722	99	481357	18.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	293444	19.118	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	396388	19.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.251	113	407123	19.285	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	202289	19.971	ng/ul	0.00
24) 2-Nitrophenol-d4	9.404	143	226766	20.222	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.939	165	402884	19.611	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	605010	19.773	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	1289153	19.558	ng/ul	0.00
49) Acenaphthylene-d8	13.880	160	1646198	19.811	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	252097	19.383	ng/ul	0.00
60) Fluorene-d10	15.186	176	1117832	19.855	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	229717	18.486	ng/ul	0.00
73) Anthracene-d10	17.045	188	1744565	18.829	ng/ul	0.00
81) Pyrene-d10	19.351	212	2068285	18.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.221	264	2041547	19.038	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	54019	7.110	ng/uL	99
5) Pyridine	3.475	79	378708	18.185	ng/ul	99
6) Benzaldehyde	6.687	77	308824	20.042	ng/ul	99
8) Phenol	6.745	94	492804	18.837	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.975	93	396238	19.276	ng/ul	100
12) 2-Chlorophenol	7.098	128	404234	19.221	ng/ul	99
13) 2-Methylphenol	7.987	108	384488	19.317	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.075	45	584417	19.379	ng/ul	99
16) Acetophenone	8.351	105	627280	20.049	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.345	70	318463	20.276	ng/ul	99
18) 4-Methylphenol	8.316	108	429011	19.510	ng/ul	100
19) Hexachloroethane	8.598	117	157245	19.414	ng/ul	97
22) Nitrobenzene	8.728	77	448054	19.671	ng/ul	98
23) Isophorone	9.251	82	911596	19.712	ng/ul	99
25) 2-Nitrophenol	9.434	139	243493	19.943	ng/ul	99
26) 2,4-Dimethylphenol	9.510	107	473732	19.361	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.745	93	571771	19.330	ng/ul	99
29) 2,4-Dichlorophenol	9.963	162	405009	19.850	ng/ul	96
30) Naphthalene	10.357	128	1379086	19.380	ng/ul	98
32) 4-Chloroaniline	10.481	127	605838	20.014	ng/ul	99
33) Hexachlorobutadiene	10.645	225	233435	18.788	ng/ul	98
34) Caprolactam	11.233	113	146130m	19.904	ng/ul	
35) 4-Chloro-3-methylphenol	11.622	107	462132	20.357	ng/ul	99
36) 2-Methylnaphthalene	11.980	142	971975	19.785	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.204	142	982891	19.422	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.363	216	488650	19.041	ng/ul	96
40) Hexachlorocyclopentadiene	12.339	237	287745	17.642	ng/ul	94
41) 2,4,6-Trichlorophenol	12.610	196	328793	19.759	ng/ul	99
42) 2,4,5-Trichlorophenol	12.680	196	355785	19.200	ng/ul	99
43) 1,1'-Biphenyl	13.016	154	1329801	19.506	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	991470	19.096	ng/ul	98
45) 2-Nitroaniline	13.269	65	288641	20.423	ng/ul	99
47) Dimethylphthalate	13.663	163	1273906	19.243	ng/ul	99
48) 2,6-Dinitrotoluene	13.780	165	261329	20.103	ng/ul	98
50) Acenaphthylene	13.910	152	1659086	19.495	ng/ul	99
51) 3-Nitroaniline	14.104	138	289217	19.222	ng/ul	99
52) Acenaphthene	14.257	153	1063712	19.329	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	148160	17.820	ng/ul	95
55) 4-Nitrophenol	14.427	109	183565	20.000	ng/ul	97
56) Dibenzofuran	14.592	168	1527039	19.435	ng/ul	99
57) 2,4-Dinitrotoluene	14.569	165	379639	20.251	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.822	232	303591	19.847	ng/ul	97
59) Diethylphthalate	15.039	149	1314618	19.915	ng/ul	99
61) Fluorene	15.245	166	1254818	20.260	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	609129	20.001	ng/ul	98
63) 4-Nitroaniline	15.274	138	313576	21.092	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.339	198	230328	18.578	ng/ul	99
67) N-Nitrosodiphenylamine	15.469	169	1103831	18.897	ng/ul	98
68) 4-Bromophenyl-phenylether	16.145	248	381887	18.674	ng/ul	97
69) Hexachlorobenzene	16.251	284	441313	18.544	ng/ul	97
70) Atrazine	16.433	200	407208	18.999	ng/ul	98
71) Pentachlorophenol	16.598	266	257235	18.005	ng/ul	96
72) Phenanthrene	16.986	178	2059362	19.477	ng/ul	99
74) Anthracene	17.074	178	2095319	19.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	511299	18.226	ng/uL	98
76) Pentachlorobenzene	14.510	250	514614	18.115	ng/uL	98
77) Carbazole	17.357	167	1923945	20.352	ng/ul	99
78) Di-n-butylphthalate	17.939	149	2260655	20.230	ng/ul	100
80) Fluoranthene	19.015	202	2392258	17.938	ng/ul	99
82) Pyrene	19.380	202	2473876	18.122	ng/ul	98
83) Butylbenzylphthalate	20.309	149	1015058	19.970	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.086	252	823963	19.438	ng/ul	94
85) Benzo(a)anthracene	21.145	228	2421162	19.314	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.098	149	1591121	20.741	ng/ul	98
87) Chrysene	21.192	228	2365387	19.145	ng/ul	98
89) Di-n-octyl phthalate	21.974	149	2737311	18.562	ng/ul	100
90) Benzo(b)fluoranthene	22.703	252	2496639	18.329	ng/ul	98
91) Benzo(k)fluoranthene	22.750	252	2389108	18.031	ng/ul	99
93) Benzo(a)pyrene	23.268	252	2456358	18.741	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.592	276	2600481	19.449	ng/ul	98
95) Dibenzo(a,h)anthracene	25.609	278	2209210	19.547	ng/ul	98
96) Benzo(g,h,i)perylene	26.268	276	2115756	18.898	ng/ul	99

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

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