Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081822\
Data File : BN021286.D
Acq On : 18 Aug 2022 18:48
Operator : CG/JU
Sample : SSTD02025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020226

Quant Time: Aug 18 19:42:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 19:40:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	129389	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	527402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	300640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	586908	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	558538	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	569471	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	26390	8.834	ng/uL	0.00
4) Pyridine-d5	3.817	84	175315	21.471	ng/ul	0.00
7) Phenol-d5	7.246	99	207634	19.393	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	126352	18.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	161639	18.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.811	113	153074	16.525	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	64826	16.157	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	55429	13.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	139401	18.753	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	215343	17.888	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	389504	17.806	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	476561	18.786	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	58324	13.305	ng/ul	0.00
60) Fluorene-d10	15.745	176	341369	18.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	29669	8.727	ng/ul	0.00
73) Anthracene-d10	17.610	188	505255	19.726	ng/ul	0.00
81) Pyrene-d10	19.898	212	553946	18.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	546990	19.631	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	28941	9.177	ng/uL	95
5) Pyridine	3.840	79	177150	20.695	ng/ul	85
6) Benzaldehyde	7.222	77	102256	20.270	ng/ul	92
8) Phenol	7.269	94	211355	18.539	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.517	93	173908	19.489	ng/ul	94
12) 2-Chlorophenol	7.652	128	171496	18.860	ng/ul	97
13) 2-Methylphenol	8.546	108	158325	18.064	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	217337	15.532	ng/ul	97
16) Acetophenone	8.934	105	245638	17.437	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.916	70	121133	16.833	ng/ul	93
18) 4-Methylphenol	8.875	108	167613	17.327	ng/ul	97
19) Hexachloroethane	9.199	117	71040	19.416	ng/ul	89
22) Nitrobenzene	9.322	77	165269	17.765	ng/ul	96
23) Isophorone	9.846	82	338801	18.444	ng/ul	99
25) 2-Nitrophenol	10.040	139	66047	14.037	ng/ul	92
26) 2,4-Dimethylphenol	10.093	107	177684	18.227	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.340	93	214784	19.108	ng/ul	98
29) 2,4-Dichlorophenol	10.575	162	143644	18.681	ng/ul	96
30) Naphthalene	10.987	128	522128	19.102	ng/ul	99
32) 4-Chloroaniline	11.093	127	219646	18.242	ng/ul	99
33) Hexachlorobutadiene	11.275	225	88892	20.135	ng/ul	95
34) Caprolactam	11.846	113	42790	14.250	ng/ul	88
35) 4-Chloro-3-methylphenol	12.210	107	150097	16.531	ng/ul	98
36) 2-Methylnaphthalene	12.593	142	342188	18.518	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.810	142	337847	17.916	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.952	216	159558	20.809	ng/ul	98
40)	Hexachlorocyclopentadiene	12.934	237	94846	20.334	ng/ul	97
41)	2,4,6-Trichlorophenol	13.193	196	95658	18.093	ng/ul	95
42)	2,4,5-Trichlorophenol	13.263	196	106059	18.113	ng/ul	97
43)	1,1'-Biphenyl	13.599	154	441685	19.841	ng/ul	98
44)	2-Chloronaphthalene	13.634	162	331251	19.614	ng/ul	99
45)	2-Nitroaniline	13.840	65	66543	12.665	ng/ul	88
47)	Dimethylphthalate	14.216	163	392512	17.824	ng/ul	100
48)	2,6-Dinitrotoluene	14.334	165	55871	12.976	ng/ul	94
50)	Acenaphthylene	14.481	152	541552	19.281	ng/ul	100
51)	3-Nitroaniline	14.657	138	59987	13.179	ng/ul#	87
52)	Acenaphthene	14.822	153	342192	18.652	ng/ul	97
53)	2,4-Dinitrophenol	14.857	184	19375	7.029	ng/ul	95
55)	4-Nitrophenol	14.957	109	50209	13.419	ng/ul	92
56)	Dibenzofuran	15.157	168	495246	19.161	ng/ul	99
57)	2,4-Dinitrotoluene	15.110	165	78633	12.334	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.375	232	74522	16.213	ng/ul	98
59)	Diethylphthalate	15.575	149	403537	17.799	ng/ul	97
61)	Fluorene	15.804	166	391075	19.445	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.798	204	180474	19.485	ng/ul	98
63)	4-Nitroaniline	15.816	138	58418	13.735	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.869	198	33544	9.732	ng/ul#	91
67)	N-Nitrosodiphenylamine	16.010	169	332889	19.785	ng/ul	98
68)	4-Bromophenyl-phenylether	16.692	248	109702	21.463	ng/ul	99
69)	Hexachlorobenzene	16.804	284	123772	21.067	ng/ul	97
70)	Atrazine	16.963	200	114496	19.503	ng/ul	99
71)	Pentachlorophenol	17.151	266	58535	15.996	ng/ul	93
72)	Phenanthrene	17.551	178	602318	19.446	ng/ul	98
74)	Anthracene	17.640	178	610666	19.608	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.557	216	163942	20.860	ng/uL	97
76)	Pentachlorobenzene	15.069	250	144067	20.741	ng/uL	97
77)	Carbazole	17.910	167	567787	20.040	ng/ul	99
78)	Di-n-butylphthalate	18.481	149	676180	19.246	ng/ul	99
80)	Fluoranthene	19.563	202	669028	18.294	ng/ul	96
82)	Pyrene	19.928	202	690799	18.412	ng/ul#	94
83)	Butylbenzylphthalate	20.828	149	268540	15.904	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.610	252	215046	20.158	ng/ul#	96
85)	Benzo(a)anthracene	21.680	228	671230	19.031	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.616	149	434976	18.258	ng/ul	94
87)	Chrysene	21.739	228	636434	18.444	ng/ul	96
89)	Di-n-octyl phthalate	22.592	149	740179	15.969	ng/ul	100
90)	Benzo(b)fluoranthene	23.457	252	691133	19.337	ng/ul	96
91)	Benzo(k)fluoranthene	23.510	252	645306	18.967	ng/ul	94
93)	Benzo(a)pyrene	24.133	252	670118	19.370	ng/ul	96
94)	Indeno(1,2,3-cd)pyrene	26.927	276	784677	22.045	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.963	278	672452	22.118	ng/ul	99
96)	Benzo(g,h,i)perylene	27.757	276	674959	22.454	ng/ul#	92

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

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