Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
Data File : BN023217.D
Acq On : 15 Dec 2022 15:32
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080214

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 22:37:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 22:31:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	310210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1411286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	886056	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	2000791	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1750832	20.000	ng/ul	0.01
88) Perylene-d12	24.045	264	2078119	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	230825	25.404	ng/uL	0.00
4) Pyridine-d5	3.775	84	1806108	70.289	ng/ul	0.00
7) Phenol-d5	7.169	99	2331331	79.571	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	1311489	74.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	1819567	84.802	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1859143	80.377	ng/ul	0.02
21) Nitrobenzene-d5	9.181	128	945891	86.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	1043884	85.642	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.451	165	1811020	87.153	ng/ul	0.01
31) 4-Chloroaniline-d4	10.969	131	2682856	84.761	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	5146600	79.857	ng/ul	0.01
49) Acenaphthylene-d8	14.351	160	5833596	82.150	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	1184309	92.180	ng/ul	0.02
60) Fluorene-d10	15.651	176	4176750	79.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	1020134	80.215	ng/ul	0.02
73) Anthracene-d10	17.504	188	6535006	74.592	ng/ul	0.00
81) Pyrene-d10	19.798	212	7442539	82.026	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.898	264	7997777	76.560	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	239784	24.799	ng/uL	99
5) Pyridine	3.793	79	1799068	70.614	ng/ul	99
6) Benzaldehyde	7.140	77	834299	56.283	ng/ul	98
8) Phenol	7.198	94	2339352	76.663	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.428	93	1764221	74.196	ng/ul	99
12) 2-Chlorophenol	7.569	128	1828708	79.818	ng/ul	98
13) 2-Methylphenol	8.457	108	1792791	78.931	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	2220909	70.758	ng/ul	98
16) Acetophenone	8.845	105	2643767	71.613	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.851	70	1341237	68.167	ng/ul	98
18) 4-Methylphenol	8.804	108	1939568	78.643	ng/ul	100
19) Hexachloroethane	9.092	117	692703	71.411	ng/ul	97
22) Nitrobenzene	9.228	77	2100785	70.982	ng/ul	98
23) Isophorone	9.769	82	4091534	72.273	ng/ul	99
25) 2-Nitrophenol	9.939	139	1090063	81.344	ng/ul	100
26) 2,4-Dimethylphenol	10.004	107	2037952	70.896	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	2411168	73.857	ng/ul	98
29) 2,4-Dichlorophenol	10.475	162	1744901	82.618	ng/ul	98
30) Naphthalene	10.881	128	5740485	76.635	ng/ul	99
32) 4-Chloroaniline	10.998	127	2616338	79.150	ng/ul	99
33) Hexachlorobutadiene	11.163	225	961457	73.958	ng/ul	95
34) Caprolactam	11.810	113	681789m	85.092	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	1982462	71.971	ng/ul	95
36) 2-Methylnaphthalene	12.486	142	3840260	75.256	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.704	142	3899515	76.231	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.857	216	1970401	82.850	ng/ul	98
40)	Hexachlorocyclopentadiene	12.833	237	1308933	94.266	ng/ul	96
41)	2,4,6-Trichlorophenol	13.092	196	1449252	85.826	ng/ul	97
42)	2,4,5-Trichlorophenol	13.169	196	1586187	88.706	ng/ul	98
43)	1,1'-Biphenyl	13.492	154	4944860	76.030	ng/ul	98
44)	2-Chloronaphthalene	13.539	162	3940895	77.762	ng/ul	99
45)	2-Nitroaniline	13.745	65	1323505	71.911	ng/ul	98
47)	Dimethylphthalate	14.122	163	5106227	75.382	ng/ul	100
48)	2,6-Dinitrotoluene	14.245	165	1177130	85.847	ng/ul	93
50)	Acenaphthylene	14.386	152	6069661	76.513	ng/ul	99
51)	3-Nitroaniline	14.569	138	1089838	73.817	ng/ul	96
52)	Acenaphthene	14.722	153	4149350	73.722	ng/ul	99
53)	2,4-Dinitrophenol	14.775	184	757735	79.073	ng/ul	90
55)	4-Nitrophenol	14.886	109	854648	67.108	ng/ul	97
56)	Dibenzofuran	15.057	168	5827211	78.357	ng/ul	96
57)	2,4-Dinitrotoluene	15.027	165	1684708	84.370	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.280	232	1353850	88.402	ng/ul	98
59)	Diethylphthalate	15.486	149	5172475	72.043	ng/ul	99
61)	Fluorene	15.710	166	4331917	69.752	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.698	204	2108282	72.018	ng/ul	98
63)	4-Nitroaniline	15.745	138	1028682	78.128	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.792	198	971383	73.897	ng/ul	98
67)	N-Nitrosodiphenylamine	15.916	169	4060541	67.784	ng/ul	99
68)	4-Bromophenyl-phenylether	16.592	248	1551178	78.729	ng/ul	95
69)	Hexachlorobenzene	16.710	284	1779564	77.266	ng/ul	97
70)	Atrazine	16.874	200	1621728	75.948	ng/ul	99
71)	Pentachlorophenol	17.051	266	1243767	84.995	ng/ul	97
72)	Phenanthrene	17.451	178	7551728	70.026	ng/ul	98
74)	Anthracene	17.545	178	7441781	68.127	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.457	216	1985518	75.252	ng/uL	98
76)	Pentachlorobenzene	14.980	250	1891047	66.408	ng/uL	96
77)	Carbazole	17.810	167	7166443	70.609	ng/ul	100
78)	Di-n-butylphthalate	18.368	149	8682659	60.110	ng/ul	99
80)	Fluoranthene	19.462	202	8759217	77.349	ng/ul	99
82)	Pyrene	19.827	202	8683887	74.859	ng/ul	99
83)	Butylbenzylphthalate	20.715	149	4230365	71.642	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.509	252	2976084	77.039	ng/ul	97
85)	Benzo(a)anthracene	21.574	228	8826159	76.339	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.492	149	5585887	64.092	ng/ul	99
87)	Chrysene	21.633	228	8013830	73.192	ng/ul	99
89)	Di-n-octyl phthalate	22.433	149	10502388	57.463	ng/ul	100
90)	Benzo(b)fluoranthene	23.298	252	9732354	69.106	ng/ul	99
91)	Benzo(k)fluoranthene	23.351	252	9161438	68.532	ng/ul	99
93)	Benzo(a)pyrene	23.950	252	8451584	70.800	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.639	276	10560762	77.789	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.662	278	8253329	67.828	ng/ul	96
96)	Benzo(g,h,i)perylene	27.439	276	8742544	73.857	ng/ul	98

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

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