Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
Data File : BN022061.D
Acq On : 12 Oct 2022 12:42
Operator : CG/JU
Sample : SSTD01036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 02:15:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 02:12:15 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010246

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	118752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	575820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	389529	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	826594	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	841584	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	855621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12737m	4.059	ng/uL	0.00
4) Pyridine-d5	3.699	84	91207	9.615	ng/ul	0.00
7) Phenol-d5	7.116	99	100628	8.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	71944	9.788	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	73299	9.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	82340	9.078	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	39117	9.571	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	38328	9.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	78638	9.979	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	132425	9.951	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	272328	9.948	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	307371	10.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	52433	9.096	ng/ul	0.00
60) Fluorene-d10	15.628	176	239628	10.340	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	39581	8.742	ng/ul	0.00
73) Anthracene-d10	17.486	188	372800	10.443	ng/ul	0.00
81) Pyrene-d10	19.786	212	412832	10.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	414064	10.008	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	13998	4.118	ng/uL	97
5) Pyridine	3.722	79	92549	9.708	ng/ul	97
6) Benzaldehyde	7.093	77	56299m	9.789	ng/ul	
8) Phenol	7.140	94	112632	9.218	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	95915	9.845	ng/ul	99
12) 2-Chlorophenol	7.516	128	85876	9.856	ng/ul	98
13) 2-Methylphenol	8.410	108	82271	9.091	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	140339	9.633	ng/ul	99
16) Acetophenone	8.799	105	144547	9.701	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	76616	9.825	ng/ul	99
18) 4-Methylphenol	8.740	108	95354	9.387	ng/ul	99
19) Hexachloroethane	9.052	117	34142	9.774	ng/ul	97
22) Nitrobenzene	9.181	77	109289	9.732	ng/ul	98
23) Isophorone	9.710	82	216729	9.875	ng/ul	99
25) 2-Nitrophenol	9.899	139	47455	9.609	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	107336	10.075	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.199	93	138208	9.946	ng/ul	98
29) 2,4-Dichlorophenol	10.440	162	80022	9.521	ng/ul	98
30) Naphthalene	10.840	128	313051	10.017	ng/ul	99
32) 4-Chloroaniline	10.957	127	142409	10.166	ng/ul	98
33) Hexachlorobutadiene	11.122	225	46450	9.987	ng/ul	89
34) Caprolactam	11.746	113	27173m	8.312	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	99118	9.693	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	219705	10.325	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.675	142	223713	10.403	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	12.822	216	100310	10.089	ng/ul	98
40)	Hexachlorocyclopentadiene	12.798	237	47819	9.141	ng/ul	96
41)	2,4,6-Trichlorophenol	13.069	196	67107	10.016	ng/ul	97
42)	2,4,5-Trichlorophenol	13.140	196	75163	10.195	ng/ul	96
43)	1,1'-Biphenyl	13.469	154	292550	10.300	ng/ul	96
44)	2-Chloronaphthalene	13.510	162	227881	10.292	ng/ul	95
45)	2-Nitroaniline	13.722	65	62979	9.234	ng/ul	94
47)	Dimethylphthalate	14.092	163	300445	10.329	ng/ul	100
48)	2,6-Dinitrotoluene	14.216	165	50738	9.773	ng/ul	99
50)	Acenaphthylene	14.357	152	358120	10.464	ng/ul	99
51)	3-Nitroaniline	14.545	138	53786	8.601	ng/ul	90
52)	Acenaphthene	14.698	153	253522	10.181	ng/ul	96
53)	2,4-Dinitrophenol	14.751	184	25802	7.216	ng/ul	94
55)	4-Nitrophenol	14.845	109	44245	9.381	ng/ul	98
56)	Dibenzofuran	15.034	168	354581	10.563	ng/ul	100
57)	2,4-Dinitrotoluene	15.004	165	76639	9.763	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.257	232	63620	10.159	ng/ul	95
59)	Diethylphthalate	15.451	149	306662	10.169	ng/ul	100
61)	Fluorene	15.681	166	290759	10.479	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.675	204	136554	10.840	ng/ul	97
63)	4-Nitroaniline	15.710	138	54917	8.826	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.763	198	45580	9.381	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.892	169	242976	10.158	ng/ul	97
68)	4-Bromophenyl-phenylether	16.575	248	74588	10.038	ng/ul	95
69)	Hexachlorobenzene	16.686	284	91386	10.373	ng/ul	99
70)	Atrazine	16.845	200	80576	9.964	ng/ul	99
71)	Pentachlorophenol	17.033	266	46584	8.712	ng/ul	97
72)	Phenanthrene	17.433	178	470296	10.448	ng/ul	99
74)	Anthracene	17.522	178	464612	10.366	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.434	216	100809	10.069	ng/uL	99
76)	Pentachlorobenzene	14.951	250	114666	10.584	ng/uL	96
77)	Carbazole	17.798	167	434021	10.491	ng/ul	98
78)	Di-n-butylphthalate	18.357	149	506603	10.000	ng/ul	100
80)	Fluoranthene	19.451	202	532103	10.239	ng/ul	97
82)	Pyrene	19.816	202	567563	10.350	ng/ul	99
83)	Butylbenzylphthalate	20.716	149	216610	9.263	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.510	252	174475	9.535	ng/ul	98
85)	Benzo(a)anthracene	21.574	228	548823m	10.381	ng/ul	
86)	Bis(2-ethylhexyl)phtha...	21.492	149	322024	9.484	ng/ul	98
87)	Chrysene	21.627	228	541415	10.408	ng/ul	94
89)	Di-n-octyl phthalate	22.439	149	557576	9.345	ng/ul	100
90)	Benzo(b)fluoranthene	23.298	252	553694	10.249	ng/ul	100
91)	Benzo(k)fluoranthene	23.351	252	557852	10.470	ng/ul	97
93)	Benzo(a)pyrene	23.945	252	488079	10.233	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.651	276	602142	9.944	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.674	278	540874	9.877	ng/ul	97
96)	Benzo(g,h,i)perylene	27.451	276	536940	9.837	ng/ul	98

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

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