Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091522\
Data File : BM036551.D
Acq On : 15 Sep 2022 18:27
Operator : CG/JU
Sample : SSTD04075
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 01:52:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 01:29:28 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	352445	20.000	ng/ul	0.00
20) Naphthalene-d8	10.845	136	1487086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	924514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1895378	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	2072449	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	2060321	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	155349	16.966	ng/uL	0.00
4) Pyridine-d5	3.810	84	1144151	40.040	ng/ul	0.00
7) Phenol-d5	7.175	99	1294934	41.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	788710	39.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.557	132	986738	41.300	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	971043	39.591	ng/ul	0.00
21) Nitrobenzene-d5	9.198	128	451961	38.052	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	416441	34.515	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	925216	43.412	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	1423261	40.774	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	2670820	43.130	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	3193593	43.140	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	511467	42.805	ng/ul	0.00
60) Fluorene-d10	15.645	176	2391693	41.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	310755	31.417	ng/ul	0.00
73) Anthracene-d10	17.492	188	3726434	43.427	ng/ul	0.00
81) Pyrene-d10	19.768	212	4192906	38.739	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	4430413	42.788	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	168716	17.597	ng/uL	99
5) Pyridine	3.834	79	1166814	41.082	ng/ul	98
6) Benzaldehyde	7.163	77	706989m	48.899	ng/ul	
8) Phenol	7.204	94	1392925	42.267	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.451	93	1083808	40.843	ng/ul	100
12) 2-Chlorophenol	7.587	128	1063946	41.473	ng/ul	99
13) 2-Methylphenol	8.469	108	1024328	40.243	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1292631	32.440	ng/ul	99
16) Acetophenone	8.857	105	1676889	40.448	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.851	70	841316	41.361	ng/ul	97
18) 4-Methylphenol	8.804	108	1113831	40.471	ng/ul	96
19) Hexachloroethane	9.122	117	417245	38.132	ng/ul	94
22) Nitrobenzene	9.239	77	1178336	39.009	ng/ul	98
23) Isophorone	9.769	82	2310700	42.871	ng/ul	99
25) 2-Nitrophenol	9.951	139	511393	37.787	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	1193356	42.975	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.251	93	1373216	43.391	ng/ul	100
29) 2,4-Dichlorophenol	10.486	162	969821	44.126	ng/ul	99
30) Naphthalene	10.898	128	3433796	42.346	ng/ul	100
32) 4-Chloroaniline	10.998	127	1470161	40.906	ng/ul	100
33) Hexachlorobutadiene	11.186	225	568708	40.393	ng/ul	100
34) Caprolactam	11.763	113	292581m	41.467	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	1063738	45.792	ng/ul	98
36) 2-Methylnaphthalene	12.498	142	2308769	44.269	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.716	142	2316187	44.265	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.857	216	1135782	43.186	ng/ul	99
40)	Hexachlorocyclopentadiene	12.845	237	583691	42.403	ng/ul	99
41)	2,4,6-Trichlorophenol	13.092	196	712427	41.312	ng/ul	98
42)	2,4,5-Trichlorophenol	13.163	196	768128	42.200	ng/ul	98
43)	1,1'-Biphenyl	13.498	154	2918549	42.388	ng/ul	99
44)	2-Chloronaphthalene	13.539	162	2299627	42.967	ng/ul	99
45)	2-Nitroaniline	13.733	65	626159	38.745	ng/ul	99
47)	Dimethylphthalate	14.116	163	2832293	43.432	ng/ul	99
48)	2,6-Dinitrotoluene	14.227	165	515472	40.469	ng/ul	98
50)	Acenaphthylene	14.380	152	3632078	43.199	ng/ul	99
51)	3-Nitroaniline	14.557	138	571136	40.006	ng/ul	95
52)	Acenaphthene	14.722	153	2529560	42.211	ng/ul	100
53)	2,4-Dinitrophenol	14.757	184	191798	30.284	ng/ul	96
55)	4-Nitrophenol	14.851	109	435149	41.030	ng/ul	97
56)	Dibenzofuran	15.051	168	3351476	41.065	ng/ul	98
57)	2,4-Dinitrotoluene	15.010	165	745342	38.998	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.269	232	640634	41.390	ng/ul	97
59)	Diethylphthalate	15.474	149	2851381	40.069	ng/ul	100
61)	Fluorene	15.698	166	2941728	42.418	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.692	204	1395621	42.872	ng/ul	99
63)	4-Nitroaniline	15.710	138	583285	41.792	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.768	198	361251	34.920	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.904	169	2386023	43.926	ng/ul	99
68)	4-Bromophenyl-phenylether	16.586	248	798315	43.251	ng/ul	96
69)	Hexachlorobenzene	16.692	284	934309	42.727	ng/ul	98
70)	Atrazine	16.851	200	818221	40.666	ng/ul	98
71)	Pentachlorophenol	17.033	266	544796	41.451	ng/ul	99
72)	Phenanthrene	17.433	178	4459050	42.885	ng/ul	99
74)	Anthracene	17.521	178	4562382	43.259	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.463	216	1113253	45.171	ng/uL	99
76)	Pentachlorobenzene	14.969	250	1181691	43.454	ng/uL	99
77)	Carbazole	17.786	167	4070173	40.505	ng/ul	99
78)	Di-n-butylphthalate	18.362	149	4907089	40.563	ng/ul	99
80)	Fluoranthene	19.439	202	5161696	38.874	ng/ul	99
82)	Pyrene	19.798	202	5450284	38.709	ng/ul	97
83)	Butylbenzylphthalate	20.698	149	2156834	35.824	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.468	252	1901271	42.952	ng/ul	98
85)	Benzo(a)anthracene	21.539	228	5538191	41.786	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	3441673	38.227	ng/ul	99
87)	Chrysene	21.598	228	5225043	42.431	ng/ul	99
89)	Di-n-octyl phthalate	22.421	149	5527084	32.685	ng/ul	100
90)	Benzo(b)fluoranthene	23.256	252	5596622	39.367	ng/ul	100
91)	Benzo(k)fluoranthene	23.309	252	5692990	42.280	ng/ul	99
93)	Benzo(a)pyrene	23.897	252	5005883	42.712	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.562	276	6064511	51.268	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.585	278	5503975	51.147	ng/ul	99
96)	Benzo(g,h,i)perylene	27.350	276	5261758	52.036	ng/ul	99

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

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