Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
Data File : BM037868.D
Acq On : 07 Dec 2022 12:50
Operator : CG/JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 01:00:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:59:34 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD005005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/08/2022

Supervised By :mohammad ahmed

12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	175036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	716319	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	405887	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	785638	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	661363	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	749552	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	8163m	2.188	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.616	132	53857	4.517	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.257	128	25097	4.411	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	25136	4.269	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	49951	4.574	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.122	166	131040	4.702	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	157715	4.653	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.704	176	120347	4.759	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.551	188	169415	4.689	ng/ul	0.00
81) Pyrene-d10	19.833	212	176243	5.145	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	169302	4.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	8380m	2.096	ng/uL	
12) 2-Chlorophenol	7.651	128	55978	4.362	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.898	70	37042	3.718	ng/ul	96
19) Hexachloroethane	9.181	117	21700	4.427	ng/ul	98
22) Nitrobenzene	9.304	77	57121	4.790	ng/ul	96
23) Isophorone	9.834	82	98778	3.850	ng/ul	95
25) 2-Nitrophenol	10.022	139	26213	4.108	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	54538	4.446	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.310	93	69280	4.472	ng/ul	97
29) 2,4-Dichlorophenol	10.551	162	49012	4.437	ng/ul	97
30) Naphthalene	10.963	128	182261	4.688	ng/ul	99
33) Hexachlorobutadiene	11.239	225	34649	5.064	ng/ul	95
35) 4-Chloro-3-methylphenol	12.181	107	42003	3.644	ng/ul	98
36) 2-Methylnaphthalene	12.557	142	114660	4.263	ng/ul	97
37) 1-Methylnaphthalene	12.775	142	116515	4.328	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	63355	5.450	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	35724	4.707	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	35250	4.361	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	152479	5.168	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	120579	5.208	ng/ul	98
45) 2-Nitroaniline	13.804	65	24436	3.730	ng/ul	92
47) Dimethylphthalate	14.169	163	128302	4.420	ng/ul#	98
48) 2,6-Dinitrotoluene	14.292	165	22093	3.727	ng/ul	97
50) Acenaphthylene	14.439	152	174645	4.647	ng/ul	99

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52) Acenaphthene	14.780	153	125545	4.821	ng/ul	99
56) Dibenzofuran	15.116	168	171175	4.882	ng/ul	97
57) 2,4-Dinitrotoluene	15.075	165	29039	3.508	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	28777	4.048	ng/ul	98
59) Diethylphthalate	15.522	149	128079	4.302	ng/ul	100
61) Fluorene	15.757	166	138881	4.705	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	69125	4.912	ng/ul	97
67) N-Nitrosodiphenylamine	15.963	169	107885	4.765	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	40133	4.978	ng/ul	93
69) Hexachlorobenzene	16.757	284	51074	5.425	ng/ul	97
72) Phenanthrene	17.498	178	203184	4.772	ng/ul	98
74) Anthracene	17.586	178	200768	4.622	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	62772	5.926	ng/uL	96
76) Pentachlorobenzene	15.033	250	62764	5.446	ng/uL	95
78) Di-n-butylphthalate	18.410	149	193258	3.845	ng/ul	98
80) Fluoranthene	19.504	202	205540	4.912	ng/ul	97
82) Pyrene	19.862	202	217862	5.042	ng/ul	99
83) Butylbenzylphthalate	20.745	149	71777	3.810	ng/ul	99
85) Benzo(a)anthracene	21.609	228	210560	4.976	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	106598	3.745	ng/ul	98
87) Chrysene	21.662	228	197256	5.008	ng/ul	99
90) Benzo(b)fluoranthene	23.345	252	206193	4.284	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	208863	4.498	ng/ul	99
93) Benzo(a)pyrene	23.997	252	185009	4.432	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.709	276	245726	5.236	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	203472	4.764	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	198432	4.845	ng/ul	97

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

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