Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037904.D
Acq On : 09 Dec 2022 01:46
Operator : CG/JU
Sample : N5726-11MS 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 06:16:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXP1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

12/10/2022
Supervised By :mohammad ahmed

12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	304201	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.904	136	1212438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	660941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1229090	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	933808	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1102175	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4092m	0.611	ng/uL	0.00
4) Pyridine-d5	3.869	84	39401	1.982	ng/ul	0.00
7) Phenol-d5	7.240	99	75062	3.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	44127	2.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	62507	3.082	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	56369	2.921	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	30267	3.153	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.981	143	30561	3.038	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	59561	3.117	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	64020	2.427	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	158497	3.364	ng/ul	-0.01
49) Acenaphthylene-d8	14.410	160	179472	3.116	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	17537	2.184	ng/ul	0.00
60) Fluorene-d10	15.698	176	134631	3.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	14676	2.233	ng/ul	0.00
73) Anthracene-d10	17.551	188	199063	3.470	ng/ul	0.00
81) Pyrene-d10	19.833	212	200456	3.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	185655	3.372	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	7119	1.013	ng/uL#	80
5) Pyridine	3.893	79	45290	2.268	ng/ul	93
6) Benzaldehyde	7.216	77	41000	4.435	ng/ul	95
8) Phenol	7.263	94	84753	3.419	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.498	93	67068	3.294	ng/ul	96
12) 2-Chlorophenol	7.645	128	70769	3.412	ng/ul	99
13) 2-Methylphenol	8.528	108	64087	3.378	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.616	45	117990	3.210	ng/ul	99
16) Acetophenone	8.916	105	103572	3.413	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.892	70	46658	3.264	ng/ul	98
18) 4-Methylphenol	8.857	108	67904	3.309	ng/ul	98
19) Hexachloroethane	9.175	117	25646	3.093	ng/ul	96
22) Nitrobenzene	9.298	77	69868	3.383	ng/ul	98
23) Isophorone	9.828	82	126718	3.348	ng/ul	100
25) 2-Nitrophenol	10.010	139	35965	3.410	ng/ul	96
26) 2,4-Dimethylphenol	10.069	107	71396	3.501	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.304	93	83098	3.303	ng/ul	98
29) 2,4-Dichlorophenol	10.545	162	63491	3.387	ng/ul	98
30) Naphthalene	10.957	128	308269	4.711	ng/ul	99
32) 4-Chloroaniline	11.069	127	54451	2.070	ng/ul	97
33) Hexachlorobutadiene	11.233	225	43415	3.520	ng/ul	97
34) Caprolactam	11.845	113	13916m	2.894	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	54655	3.203	ng/ul	93
36) 2-Methylnaphthalene	12.551	142	167030	3.936	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	153533	3.538	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	78696	3.644	ng/ul	97
40) Hexachlorocyclopentadiene	12.892	237	14338	1.161	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	44751	3.402	ng/ul	95
42) 2,4,5-Trichlorophenol	13.222	196	44433	3.239	ng/ul	97
43) 1,1'-Biphenyl	13.551	154	188770	3.553	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	141645	3.456	ng/ul	98
45) 2-Nitroaniline	13.798	65	30240	3.062	ng/ul	98
47) Dimethylphthalate	14.163	163	163751	3.522	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	29386	3.254	ng/ul	97
50) Acenaphthylene	14.439	152	386806	6.108	ng/ul	99
51) 3-Nitroaniline	14.621	138	26817m	2.976	ng/ul	
52) Acenaphthene	14.774	153	187367	4.278	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	7725	1.743	ng/ul#	77
55) 4-Nitrophenol	14.927	109	13436m	2.537	ng/ul	
56) Dibenzofuran	15.110	168	265716	4.443	ng/ul	99
57) 2,4-Dinitrotoluene	15.074	165	36939	3.021	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.333	232	38024	3.295	ng/ul#	97
59) Diethylphthalate	15.516	149	169938	3.669	ng/ul	98
61) Fluorene	15.757	166	205857	4.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	83091	3.486	ng/ul	98
63) 4-Nitroaniline	15.774	138	27907m	3.416	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.827	198	15254	2.398	ng/ul#	79
67) N-Nitrosodiphenylamine	15.957	169	129774	3.500	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	49874	3.702	ng/ul	98
69) Hexachlorobenzene	16.757	284	62215	3.868	ng/ul	95
70) Atrazine	16.904	200	30652	2.419	ng/ul	98
71) Pentachlorophenol	17.104	266	32036	3.583	ng/ul	97
72) Phenanthrene	17.492	178	499685	7.445	ng/ul	98
74) Anthracene	17.586	178	979421	14.359	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	76067	3.828	ng/uL	98
76) Pentachlorobenzene	15.027	250	75356	3.828	ng/uL	94
77) Carbazole	17.857	167	284321	4.811	ng/ul	99
78) Di-n-butylphthalate	18.404	149	277234	3.947	ng/ul	99
80) Fluoranthene	19.498	202	857199	12.948	ng/ul	99
82) Pyrene	19.862	202	1348559	19.573	ng/ul	98
83) Butylbenzylphthalate	20.745	149	102917	4.017	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.533	252	73654	3.986	ng/ul	96
85) Benzo(a)anthracene	21.603	228	511956	8.143	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.509	149	150825	4.047	ng/ul	100
87) Chrysene	21.656	228	555073	9.410	ng/ul	99
89) Di-n-octyl phthalate	22.462	149	235109	3.329	ng/ul	100
90) Benzo(b)fluoranthene	23.344	252	1536946	22.493	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	548841	8.288	ng/ul	96
93) Benzo(a)pyrene	23.991	252	813448	13.538	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	810370	10.472	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	362897	5.563	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	623801	10.096	ng/ul	98

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

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