Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036329.D
Acq On : 17 Aug 2022 23:26
Operator : CG/JU
Sample : N4176-12MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 18 02:22:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EX7Q6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	257191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	1112863	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	646421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1271692	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1221386	20.000	ng/ul	0.00
88) Perylene-d12	23.698	264	1280161	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	30912	4.581	ng/uL	0.00
4) Pyridine-d5	3.634	84	319044	17.144	ng/ul	0.00
7) Phenol-d5	6.981	99	602642	27.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	369393	26.732	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	493269	28.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	440563	26.877	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	245419	29.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	259729	30.347	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	459660	30.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	594504	25.077	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1279816	31.295	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1539029	30.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	252414	32.574	ng/ul	0.00
60) Fluorene-d10	15.433	176	1150105	31.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	187293	28.647	ng/ul	0.00
73) Anthracene-d10	17.286	188	1823914	32.256	ng/ul	0.00
81) Pyrene-d10	19.580	212	2108244	33.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	2083555	33.196	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	74847	10.530	ng/uL	96
5) Pyridine	3.658	79	380857	19.811	ng/ul	90
6) Benzaldehyde	6.946	77	304073	33.720	ng/ul	94
8) Phenol	7.011	94	689087	30.190	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	542843	29.735	ng/ul	96
12) 2-Chlorophenol	7.363	128	559611	31.025	ng/ul	99
13) 2-Methylphenol	8.257	108	484616	28.803	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.340	45	729031	29.848	ng/ul	96
16) Acetophenone	8.634	105	833149	31.602	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.616	70	406645	30.990	ng/ul	97
18) 4-Methylphenol	8.593	108	532978	29.593	ng/ul	96
19) Hexachloroethane	8.869	117	231223	30.641	ng/ul	88
22) Nitrobenzene	9.010	77	617944	30.909	ng/ul	99
23) Isophorone	9.540	82	1125809	31.711	ng/ul	98
25) 2-Nitrophenol	9.722	139	309283	32.436	ng/ul	97
26) 2,4-Dimethylphenol	9.787	107	310386	16.277	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.022	93	695525	30.092	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	502923	32.144	ng/ul	98
30) Naphthalene	10.651	128	1781418	30.499	ng/ul	99
32) 4-Chloroaniline	10.775	127	538137	22.317	ng/ul	99
33) Hexachlorobutadiene	10.928	225	308658	31.402	ng/ul	99
34) Caprolactam	11.575	113	159191	33.958	ng/ul	93
35) 4-Chloro-3-methylphenol	11.910	107	538405	34.034	ng/ul	97
36) 2-Methylnaphthalene	12.263	142	1159188	31.631	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.487	142	1161749	31.478	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.634	216	560284	31.359	ng/ul	99
40)	Hexachlorocyclopentadiene	12.604	237	202880	19.140	ng/ul	97
41)	2,4,6-Trichlorophenol	12.881	196	384973	34.241	ng/ul	99
42)	2,4,5-Trichlorophenol	12.957	196	423743	35.533	ng/ul	100
43)	1,1'-Biphenyl	13.281	154	1517833	31.220	ng/ul	99
44)	2-Chloronaphthalene	13.322	162	1174516	31.482	ng/ul	99
45)	2-Nitroaniline	13.539	65	359406	35.577	ng/ul	97
47)	Dimethylphthalate	13.910	163	1437001	34.137	ng/ul	100
48)	2,6-Dinitrotoluene	14.034	165	302261	38.056	ng/ul	90
50)	Acenaphthylene	14.169	152	1931223	32.107	ng/ul	99
51)	3-Nitroaniline	14.369	138	335664	38.644	ng/ul	96
52)	Acenaphthene	14.510	153	1247968	31.832	ng/ul	99
53)	2,4-Dinitrophenol	14.575	184	148848	34.388	ng/ul	96
55)	4-Nitrophenol	14.686	109	235247	38.423	ng/ul	83
56)	Dibenzofuran	14.845	168	1765790	32.460	ng/ul	98
57)	2,4-Dinitrotoluene	14.822	165	449520	39.907	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.075	232	336645	37.179	ng/ul#	94
59)	Diethylphthalate	15.275	149	1516657	36.550	ng/ul	99
61)	Fluorene	15.492	166	1439353	33.359	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.486	204	681702	33.822	ng/ul	98
63)	4-Nitroaniline	15.533	138	372289m	45.947	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.586	198	222270	33.625	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.704	169	1234078	33.944	ng/ul	99
68)	4-Bromophenyl-phenylether	16.380	248	412818	35.058	ng/ul	97
69)	Hexachlorobenzene	16.486	284	503710	35.299	ng/ul	96
70)	Atrazine	16.663	200	230031	18.517	ng/ul	97
71)	Pentachlorophenol	16.839	266	264302	33.596	ng/ul	99
72)	Phenanthrene	17.227	178	2359137	35.288	ng/ul	98
74)	Anthracene	17.322	178	2338726	34.894	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.240	216	559698	29.333	ng/uL	96
76)	Pentachlorobenzene	14.757	250	565731	31.753	ng/uL	99
77)	Carbazole	17.598	167	2254163	35.921	ng/ul	99
78)	Di-n-butylphthalate	18.163	149	2742853	39.961	ng/ul	99
80)	Fluoranthene	19.245	202	2870964	37.494	ng/ul	98
82)	Pyrene	19.610	202	2922458	36.574	ng/ul	97
83)	Butylbenzylphthalate	20.510	149	1255053	41.984	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.292	252	714838	28.422	ng/ul	98
85)	Benzo(a)anthracene	21.357	228	2748551	37.447	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.286	149	1815585	43.989	ng/ul	99
87)	Chrysene	21.410	228	2705504	37.514	ng/ul	99
89)	Di-n-octyl phthalate	22.186	149	3050671	40.087	ng/ul	100
90)	Benzo(b)fluoranthene	22.992	252	2959281	37.915	ng/ul	97
91)	Benzo(k)fluoranthene	23.039	252	2727442	36.730	ng/ul	97
93)	Benzo(a)pyrene	23.598	252	2825958	36.804	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.127	276	3327408	36.858	ng/ul	95
95)	Dibenzo(a,h)anthracene	26.139	278	2843009	36.558	ng/ul	96
96)	Benzo(g,h,i)perylene	26.862	276	2509442	32.505	ng/ul	95

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

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