Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038139.D
Acq On : 20 Dec 2022 17:59
Operator : CG/JU
Sample : N6008-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYB0MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 21 00:15:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	157870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	691179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	429766	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.415	188	907908	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	775384	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	706719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	20443	5.880	ng/uL	0.00
4) Pyridine-d5	3.834	84	249161	24.157	ng/ul	0.00
7) Phenol-d5	7.204	99	468060	36.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	269514	34.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	411422	39.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	267941	26.757	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	212847	38.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	245518	42.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	469525	43.104	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	430768	28.649	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	1320284	43.091	ng/ul	0.00
49) Acenaphthylene-d8	14.374	160	1534915	40.989	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	232000	44.430	ng/ul	0.01
60) Fluorene-d10	15.663	176	1131267	41.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	216555	44.613	ng/ul	0.00
73) Anthracene-d10	17.515	188	1749282	41.283	ng/ul	0.00
81) Pyrene-d10	19.798	212	2024965	43.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1531616	43.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	58117	15.934	ng/uL	98
5) Pyridine	3.852	79	442503	42.690	ng/ul	94
6) Benzaldehyde	7.181	77	379362	79.064	ng/ul	99
8) Phenol	7.234	94	686181	53.332	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	563399	53.326	ng/ul	92
12) 2-Chlorophenol	7.610	128	600395	55.784	ng/ul	96
13) 2-Methylphenol	8.492	108	553696	56.235	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	884041	46.340	ng/ul	98
16) Acetophenone	8.881	105	881725	55.985	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.863	70	405602	54.670	ng/ul	94
18) 4-Methylphenol	8.828	108	609766	57.248	ng/ul	98
19) Hexachloroethane	9.128	117	231958	53.909	ng/ul	95
22) Nitrobenzene	9.263	77	605342	51.409	ng/ul	94
23) Isophorone	9.792	82	1204040	55.801	ng/ul	98
25) 2-Nitrophenol	9.975	139	352213	58.581	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	672998	57.882	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	767898	53.537	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	631316	59.072	ng/ul	99
30) Naphthalene	10.916	128	1986012	53.245	ng/ul	99
32) 4-Chloroaniline	11.028	127	703683	46.930	ng/ul	98
33) Hexachlorobutadiene	11.192	225	389828	55.447	ng/ul	98
34) Caprolactam	11.833	113	181376m	66.160	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	618469	63.576	ng/ul	96
36) 2-Methylnaphthalene	12.516	142	1367516	56.526	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.733	142	1379538	55.767 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.880	216	745884	53.117 ng/ul	98
40) Hexachlorocyclopentadiene	12.851	237	331002	41.206 ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	510083	59.635 ng/ul	99
42) 2,4,5-Trichlorophenol	13.192	196	553131	62.007 ng/ul	99
43) 1,1'-Biphenyl	13.516	154	1860053	53.844 ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1455893	54.632 ng/ul	97
45) 2-Nitroaniline	13.769	65	376484	58.632 ng/ul	92
47) Dimethylphthalate	14.133	163	1770335	58.563 ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	364335	62.048 ng/ul	98
50) Acenaphthylene	14.404	152	2314890	56.219 ng/ul	99
51) 3-Nitroaniline	14.586	138	353872	60.404 ng/ul	98
52) Acenaphthene	14.739	153	1601627	56.236 ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	219042	76.022 ng/ul	97
55) 4-Nitrophenol	14.892	109	249910	72.572 ng/ul	93
56) Dibenzofuran	15.074	168	2181095	56.093 ng/ul	97
57) 2,4-Dinitrotoluene	15.039	165	511551	64.331 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.298	232	478607	63.783 ng/ul	96
59) Diethylphthalate	15.486	149	1830782	60.793 ng/ul	98
61) Fluorene	15.721	166	1823528	57.506 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	890907	57.489 ng/ul	96
63) 4-Nitroaniline	15.751	138	357568	67.314 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.804	198	286246	60.914 ng/ul#	93
67) N-Nitrosodiphenylamine	15.921	169	1488066	54.335 ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	548629	55.125 ng/ul	95
69) Hexachlorobenzene	16.715	284	654906	55.127 ng/ul	94
70) Atrazine	16.874	200	550261	58.795 ng/ul	98
71) Pentachlorophenol	17.062	266	425667	64.446 ng/ul	99
72) Phenanthrene	17.457	178	2795711	56.387 ng/ul	99
74) Anthracene	17.551	178	2829508	56.156 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.480	216	755022	51.440 ng/uL	100
76) Pentachlorobenzene	14.992	250	737106	50.696 ng/uL	99
77) Carbazole	17.821	167	2586830	59.258 ng/ul	99
78) Di-n-butylphthalate	18.368	149	3353219	64.623 ng/ul	99
80) Fluoranthene	19.462	202	3232550	58.805 ng/ul	95
82) Pyrene	19.827	202	3372609	58.952 ng/ul	95
83) Butylbenzylphthalate	20.703	149	1458729	68.571 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	199623	13.010 ng/ul	99
85) Benzo(a)anthracene	21.562	228	2949155	56.495 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2148712	69.430 ng/ul	98
87) Chrysene	21.621	228	2748271	56.112 ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3503831	77.375 ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2709985	61.852 ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2535684	59.716 ng/ul	99
93) Benzo(a)pyrene	23.927	252	2238656	58.104 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.609	276	2698669	54.386 ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	2344730	56.052 ng/ul	99
96) Benzo(g,h,i)perylene	27.403	276	2203467	55.618 ng/ul	98

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

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