Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031021.D
Acq On : 18 Apr 2024 23:12
Operator : MA/JU
Sample : P2037-16MSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CY1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 18 23:42:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	90510	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	424090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	304672	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	681187	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	768436	20.000	ng/ul	-0.01
88) Perylene-d12	24.169	264	993539	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	8462	4.383	ng/uL	0.00
4) Pyridine-d5	3.564	84	50241	8.680	ng/ul	0.00
7) Phenol-d5	6.817	99	3317	0.453	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	97879	21.644	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	6944	1.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	17302	2.820	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	60872	20.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.511	143	58609	21.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	4214	0.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	16936	1.746	ng/ul	0.00
46) Dimethylphthalate-d6	13.699	166	483795	23.783	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	9273	0.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	61533	15.814	ng/ul	0.00
60) Fluorene-d10	15.281	176	147839	8.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	52236	17.373	ng/ul	0.00
73) Anthracene-d10	17.128	188	17554m	0.598	ng/ul	0.00
81) Pyrene-d10	19.433	212	5409	0.131	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	4023	0.088	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	15307	7.402	ng/uL	93
5) Pyridine	3.581	79	56285	9.637	ng/ul	94
6) Benzaldehyde	6.787	77	97259	28.524	ng/ul	99
8) Phenol	6.840	94	4535	0.595	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.069	93	144709	23.265	ng/ul	97
12) 2-Chlorophenol	7.205	128	7369	1.237	ng/ul	95
13) 2-Methylphenol	8.081	108	10181	1.732	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.158	45	197735	22.577	ng/ul	99
16) Acetophenone	8.458	105	239189	24.688	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	112912	23.139	ng/ul	96
18) 4-Methylphenol	8.411	108	18511	2.813	ng/ul	99
22) Nitrobenzene	8.834	77	162555	22.635	ng/ul	98
23) Isophorone	9.352	82	325481	22.726	ng/ul	99
25) 2-Nitrophenol	9.540	139	74759	23.636	ng/ul	97
26) 2,4-Dimethylphenol	9.599	107	19652	2.795	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.840	93	208825	22.933	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	3850	0.640	ng/ul	96
30) Naphthalene	10.463	128	12179	0.560	ng/ul	97
32) 4-Chloroaniline	10.587	127	63647	6.809	ng/ul	96
33) Hexachlorobutadiene	10.746	225	4403	1.163	ng/ul	95
34) Caprolactam	11.352	113	55280	24.605	ng/ul	100
35) 4-Chloro-3-methylphenol	11.716	107	1893	0.279	ng/ul	98
36) 2-Methylnaphthalene	12.087	142	33205	2.186	ng/ul	94
37) 1-Methylnaphthalene	12.310	142	20572	1.334	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.457	216	1250	0.159	ng/ul#	95
40) Hexachlorocyclopentadiene	12.434	237	4163	0.932	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	6523	1.328	ng/ul	85
42) 2,4,5-Trichlorophenol	12.775	196	2409	0.434	ng/ul	88
43) 1,1'-Biphenyl	13.110	154	312481	15.047	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	5975	0.366	ng/ul	98
45) 2-Nitroaniline	13.363	65	96935	22.282	ng/ul	94
47) Dimethylphthalate	13.746	163	534521	25.438	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	90503	23.230	ng/ul	94
50) Acenaphthylene	14.004	152	9540	0.353	ng/ul#	94
51) 3-Nitroaniline	14.198	138	103848	25.113	ng/ul	97
52) Acenaphthene	14.346	153	9766	0.542	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	34985	19.551	ng/ul	97
55) 4-Nitrophenol	14.510	109	76314	24.756	ng/ul#	78
56) Dibenzofuran	14.687	168	47719	1.906	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	145850	25.642	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	3496	0.759	ng/ul#	94
59) Diethylphthalate	15.116	149	549414	25.737	ng/ul	98
61) Fluorene	15.334	166	138950	6.983	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	192372	19.706	ng/ul	97
63) 4-Nitroaniline	15.363	138	126134	31.375	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	73834	22.854	ng/ul#	99
67) N-Nitrosodiphenylamine	15.551	169	397821	21.445	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	101382	15.673	ng/ul	96
69) Hexachlorobenzene	16.328	284	205	0.027	ng/ul#	41
70) Atrazine	16.504	200	168620	26.224	ng/ul	96
71) Pentachlorophenol	16.687	266	1047m	0.233	ng/ul	
72) Phenanthrene	17.075	178	19252	0.550	ng/ul	94
74) Anthracene	17.163	178	15708	0.444	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.069	216	654	0.078	ng/uL	90
76) Pentachlorobenzene	14.598	250	621	0.073	ng/uL	94
77) Carbazole	17.445	167	3116	0.100	ng/ul#	86
78) Di-n-butylphthalate	18.010	149	1093279	28.884	ng/ul	99
80) Fluoranthene	19.098	202	22447	0.457	ng/ul#	94
82) Pyrene	19.463	202	2608	0.050	ng/ul#	96
83) Butylbenzylphthalate	20.375	149	544046	27.466	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	292084	20.686	ng/ul	99
85) Benzo(a)anthracene	21.245	228	40781	0.795	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	831322	28.459	ng/ul	98
87) Chrysene	21.304	228	22942	0.474	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1494670	23.756	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	22507m	0.385	ng/ul	
91) Benzo(k)fluoranthene	23.310	252	27600	0.465	ng/ul	96
93) Benzo(a)pyrene	24.027	252	1839	0.033	ng/ul#	30
94) Indeno(1,2,3-cd)pyrene	27.457	276	12803m	0.214	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	44925	0.894	ng/ul#	90
96) Benzo(g,h,i)perylene	28.415	276	67	0.001	ng/ul#	51

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

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