Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034341.D
Acq On : 02 Oct 2024 17:36
Operator : RC/JU
Sample : P4016-19MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC23MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 18:38:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	215970	20.000	ng/ul	0.00
20) Naphthalene-d8	10.152	136	762812	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.051	164	559270	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.828	188	1064880	20.000	ng/ul	0.03
79) Chrysene-d12	21.039	240	1067803	20.000	ng/ul	0.00
88) Perylene-d12	23.751	264	1360061	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	25381	4.796	ng/uL	0.00
4) Pyridine-d5	3.399	84	293667	18.668	ng/ul	0.01
7) Phenol-d5	6.616	99	516815	26.963	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	6.746	67	352555	29.646	ng/ul	0.00
11) 2-Chlorophenol-d4	6.946	132	415880	27.564	ng/ul	0.02
15) 4-Methylphenol-d8	8.122	113	369258	23.413	ng/ul	0.02
21) Nitrobenzene-d5	8.540	128	215288	35.409	ng/ul	0.01
24) 2-Nitrophenol-d4	9.252	143	219689	35.138	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.799	165	393951	33.458	ng/ul	0.02
31) 4-Chloroaniline-d4	10.275	131	357019	20.028	ng/ul	-0.02
46) Dimethylphthalate-d6	13.475	166	973232	23.285	ng/ul	0.00
49) Acenaphthylene-d8	13.740	160	1143205	24.313	ng/ul	0.01
54) 4-Nitrophenol-d4	14.298	143	233841	27.262	ng/ul	0.02
60) Fluorene-d10	15.057	176	828457	23.388	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.193	200	149080	23.480	ng/ul	0.02
73) Anthracene-d10	16.922	188	1228401	24.536	ng/ul	0.02
81) Pyrene-d10	19.216	212	1480037	24.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.569	264	1768055	25.307	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	75070	13.446	ng/uL	91
5) Pyridine	3.417	79	466389	28.972	ng/ul	90
6) Benzaldehyde	6.558	77	632971	62.561	ng/ul#	1
8) Phenol	6.640	94	557446	27.933	ng/ul#	77
10) Bis(2-Chloroethyl)ether	6.840	93	408913	26.364	ng/ul	93
12) 2-Chlorophenol	6.981	128	498898	32.266	ng/ul	92
13) 2-Methylphenol	7.863	108	417903	28.018	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.922	45	493428	21.572	ng/ul#	65
16) Acetophenone	8.199	105	4620945m	184.959	ng/ul	
17) N-Nitroso-di-n-propyla...	8.211	70	378229	30.572	ng/ul	94
18) 4-Methylphenol	8.187	108	393514	23.705	ng/ul	98
19) Hexachloroethane	8.452	117	208784	32.015	ng/ul	87
22) Nitrobenzene	8.581	77	541071	35.555	ng/ul#	91
23) Isophorone	9.110	82	1330662	47.417	ng/ul#	87
25) 2-Nitrophenol	9.287	139	283705	40.545	ng/ul#	88
26) 2,4-Dimethylphenol	9.381	107	472749	32.840	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.593	93	596886	34.568	ng/ul#	86
29) 2,4-Dichlorophenol	9.828	162	504890	42.349	ng/ul	96
30) Naphthalene	10.205	128	3308308	79.289	ng/ul	97
32) 4-Chloroaniline	10.340	127	155686	8.863	ng/ul	96
33) Hexachlorobutadiene	10.493	225	298515	39.028	ng/ul	99
34) Caprolactam	11.099	113	96171	20.260	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.487	107	420929	29.990	ng/ul	91
36) 2-Methylnaphthalene	11.834	142	4286542	149.144	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	2995103	102.951	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.210	216	521311	32.288	ng/ul	99
40) Hexachlorocyclopentadiene	12.187	237	288187	29.010	ng/ul	99
41) 2,4,6-Trichlorophenol	12.469	196	377364	35.256	ng/ul	100
42) 2,4,5-Trichlorophenol	12.546	196	487918	41.500	ng/ul	98
43) 1,1'-Biphenyl	12.869	154	1572495	37.294	ng/ul	98
44) 2-Chloronaphthalene	12.910	162	760475	23.152	ng/ul#	90
45) 2-Nitroaniline	13.128	65	276920	26.089	ng/ul#	81
47) Dimethylphthalate	13.522	163	1092206	25.640	ng/ul	98
48) 2,6-Dinitrotoluene	13.640	165	299953	35.760	ng/ul	91
50) Acenaphthylene	13.769	152	1474796	28.664	ng/ul#	94
51) 3-Nitroaniline	13.969	138	146432	15.797	ng/ul#	88
52) Acenaphthene	14.116	153	1092267	29.736	ng/ul	99
53) 2,4-Dinitrophenol	14.193	184	144037	29.195	ng/ul	86
55) 4-Nitrophenol	14.322	109	270010m	37.066	ng/ul	
56) Dibenzofuran	14.457	168	1403230	27.935	ng/ul	98
57) 2,4-Dinitrotoluene	14.440	165	352816	27.901	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.710	232	3817071	391.246	ng/ul	90
59) Diethylphthalate	14.910	149	1097094	24.646	ng/ul	96
61) Fluorene	15.116	166	1335907	32.511	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.116	204	523576	26.288	ng/ul	93
63) 4-Nitroaniline	15.140	138	171045	17.932	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.222	198	840975	119.278	ng/ul#	72
67) N-Nitrosodiphenylamine	15.334	169	1235498	38.719	ng/ul	87
68) 4-Bromophenyl-phenylether	16.010	248	336035	31.076	ng/ul	96
69) Hexachlorobenzene	16.122	284	434583	34.626	ng/ul	96
70) Atrazine	16.375	200	267625m	23.148	ng/ul	
71) Pentachlorophenol	16.522	266	21267395m	2544.198	ng/ul	
72) Phenanthrene	16.869	178	2773932	47.242	ng/ul	98
74) Anthracene	16.957	178	1729343	28.843	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	12.828	216	499132	33.679	ng/uL	98
76) Pentachlorobenzene	14.381	250	482801	31.994	ng/uL	93
77) Carbazole	17.228	167	1520421	27.552	ng/ul	96
78) Di-n-butylphthalate	17.804	149	1888231	26.917	ng/ul	99
80) Fluoranthene	18.881	202	2001173	28.772	ng/ul	98
82) Pyrene	19.245	202	2137080	28.581	ng/ul	94
83) Butylbenzylphthalate	20.180	149	884531	26.379	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.963	252	300406	12.525	ng/ul	99
85) Benzo(a)anthracene	21.022	228	2124310	27.902	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	1443757	29.416	ng/ul#	97
87) Chrysene	21.080	228	1998954	27.518	ng/ul	97
89) Di-n-octyl phthalate	22.022	149	2375206	26.246	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	2296622	27.696	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	2230183	27.263	ng/ul	99
93) Benzo(a)pyrene	23.627	252	2120127	27.065	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.757	276	2925115	30.138	ng/ul	97
95) Dibenzo(a,h)anthracene	26.815	278	2368231	30.186	ng/ul	98
96) Benzo(g,h,i)perylene	27.692	276	2308486	30.638	ng/ul	97

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

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