Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015964.D
Acq On : 19 Aug 2021 08:44
Operator : CG/JU
Sample : M3399-24MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKD2MSD

Quant Time: Aug 19 10:05:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	305233	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1285849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	829542	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1701401	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1593839	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1596189	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	38070	4.858	ng/uL	-0.01
4) Pyridine-d5	3.752	84	80679	3.684	ng/ul	0.00
7) Phenol-d5	7.058	99	261906	9.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	349094	20.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	406266	20.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	364526	16.975	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	238002	25.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	248732	28.082	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	468922	24.465	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	532466	18.250	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1749519	28.777	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2056602	27.012	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	135588	12.610	ng/ul	0.00
60) Fluorene-d10	15.540	176	1461939	27.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	275505	30.321	ng/ul	0.00
73) Anthracene-d10	17.392	188	2440807	30.607	ng/ul	0.00
81) Pyrene-d10	19.692	212	2753609	32.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2642203	30.615	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	45881	5.696	ng/uL	95
5) Pyridine	3.770	79	99983	4.428	ng/ul	95
6) Benzaldehyde	7.034	77	494408	34.802	ng/ul	98
8) Phenol	7.087	94	330591	11.745	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.316	93	530506	24.058	ng/ul	97
12) 2-Chlorophenol	7.458	128	475457	23.545	ng/ul	98
13) 2-Methylphenol	8.340	108	414509	20.105	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	657605	23.352	ng/ul	98
16) Acetophenone	8.722	105	903588	26.074	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.711	70	479476	28.333	ng/ul	97
18) 4-Methylphenol	8.669	108	436621	19.787	ng/ul	97
19) Hexachloroethane	8.981	117	210481	22.952	ng/ul	88
22) Nitrobenzene	9.105	77	696198	26.015	ng/ul	99
23) Isophorone	9.628	82	1335967	28.695	ng/ul	100
25) 2-Nitrophenol	9.816	139	303514	31.423	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	619813	24.024	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.116	93	767410	26.836	ng/ul	98
29) 2,4-Dichlorophenol	10.352	162	521990	27.622	ng/ul	99
30) Naphthalene	10.758	128	1746330	25.358	ng/ul	99
32) 4-Chloroaniline	10.863	127	597808	20.754	ng/ul	96
33) Hexachlorobutadiene	11.046	225	358599	24.696	ng/ul	96
34) Caprolactam	11.634	113	54899	9.272	ng/ul	99
35) 4-Chloro-3-methylphenol	11.993	107	662911	29.615	ng/ul	97
36) 2-Methylnaphthalene	12.369	142	1322704	27.619	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1289511	27.052	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	730041	27.204	ng/ul	96
40) Hexachlorocyclopentadiene	12.722	237	338186	19.438	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	479556	32.681	ng/ul	97
42) 2,4,5-Trichlorophenol	13.046	196	529124	33.027	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1758957	27.421	ng/ul	97
44) 2-Chloronaphthalene	13.422	162	1386421	27.991	ng/ul	96
45) 2-Nitroaniline	13.622	65	502445	35.800	ng/ul	97
47) Dimethylphthalate	14.004	163	1968254	32.659	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	418568	38.352	ng/ul	86
50) Acenaphthylene	14.269	152	2138625	29.549	ng/ul	100
51) 3-Nitroaniline	14.451	138	398583	33.966	ng/ul	100
52) Acenaphthene	14.610	153	1549097	29.591	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	186328	30.726	ng/ul	94
55) 4-Nitrophenol	14.751	109	152636	14.507	ng/ul	97
56) Dibenzofuran	14.946	168	2214479	30.597	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	600056	38.172	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.169	232	489278	36.909	ng/ul	98
59) Diethylphthalate	15.369	149	2047043	33.969	ng/ul	98
61) Fluorene	15.598	166	1893022	32.052	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.593	204	951905	30.908	ng/ul	95
63) 4-Nitroaniline	15.616	138	448794	39.915	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.675	198	297463	32.915	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	1599464	32.208	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	610059	33.414	ng/ul	98
69) Hexachlorobenzene	16.604	284	711008	33.325	ng/ul	94
70) Atrazine	16.757	200	542235	30.103	ng/ul	96
71) Pentachlorophenol	16.945	266	406008	33.920	ng/ul	96
72) Phenanthrene	17.340	178	3031939	32.780	ng/ul	98
74) Anthracene	17.428	178	3168728	33.556	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	753823	28.128	ng/uL	98
76) Pentachlorobenzene	14.863	250	792807	30.392	ng/uL	93
77) Carbazole	17.698	167	2804735	33.782	ng/ul	99
78) Di-n-butylphthalate	18.269	149	3567163	37.788	ng/ul	99
80) Fluoranthene	19.357	202	3698016	35.603	ng/ul	99
82) Pyrene	19.722	202	3707586	34.296	ng/ul	97
83) Butylbenzylphthalate	20.622	149	1539205	42.340	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.404	252	923168	28.285	ng/ul	100
85) Benzo(a)anthracene	21.469	228	3456803	33.709	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.398	149	2298879	39.873	ng/ul	99
87) Chrysene	21.522	228	3468195	34.931	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	3916942	38.772	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	3629118	34.582	ng/ul	97
91) Benzo(k)fluoranthene	23.222	252	3540648	33.887	ng/ul	99
93) Benzo(a)pyrene	23.804	252	3256491	34.281	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	4136761	35.121	ng/ul	100
95) Dibenzo(a,h)anthracene	26.445	278	3417538	35.146	ng/ul	100
96) Benzo(g,h,i)perylene	27.198	276	3354312	34.443	ng/ul	98

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

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