Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030836.D
Acq On : 11 Apr 2024 04:22
Operator : MA/JU
Sample : P1982-08MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YCSQ2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 04:52:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	173118	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	811269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	559897	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1241782	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1269440	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1474731	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	22602	6.121	ng/uL	0.00
4) Pyridine-d5	3.593	84	184059	16.626	ng/ul	0.00
7) Phenol-d5	6.846	99	163924	11.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	349967	40.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	388529	36.572	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	284499	24.239	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	250989	44.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	255354	49.600	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	472458	41.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	701853	37.825	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1697517	45.410	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	1916428	44.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	98436	13.766	ng/ul	0.00
60) Fluorene-d10	15.316	176	1456584	44.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	282407	51.523	ng/ul	0.00
73) Anthracene-d10	17.169	188	2412792	45.096	ng/ul	0.00
81) Pyrene-d10	19.469	212	2951573	43.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	3171836	46.678	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	26376	6.669	ng/uL	97
5) Pyridine	3.611	79	190792	17.079	ng/ul	96
6) Benzaldehyde	6.828	77	352185m	54.002	ng/ul	
8) Phenol	6.875	94	176925	12.127	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.111	93	463283	38.941	ng/ul	99
12) 2-Chlorophenol	7.246	128	397445	34.874	ng/ul	96
13) 2-Methylphenol	8.116	108	311199	27.682	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.199	45	615055	36.715	ng/ul	98
16) Acetophenone	8.499	105	742293	40.056	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.487	70	369267	39.564	ng/ul	96
18) 4-Methylphenol	8.446	108	310014	24.633	ng/ul	98
19) Hexachloroethane	8.746	117	183203	38.343	ng/ul	98
22) Nitrobenzene	8.875	77	550023	40.037	ng/ul	99
23) Isophorone	9.399	82	1091883	39.853	ng/ul	99
25) 2-Nitrophenol	9.581	139	278115	45.965	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	411496	30.599	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	676146	38.815	ng/ul	100
29) 2,4-Dichlorophenol	10.110	162	451131	39.214	ng/ul	98
30) Naphthalene	10.510	128	1618861	38.907	ng/ul	100
32) 4-Chloroaniline	10.628	127	662245	37.033	ng/ul	100
33) Hexachlorobutadiene	10.787	225	265661	36.687	ng/ul	98
34) Caprolactam	11.410	113	34232m	7.965	ng/ul	
35) 4-Chloro-3-methylphenol	11.752	107	501887	38.734	ng/ul	98
36) 2-Methylnaphthalene	12.128	142	1149857	39.571	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1178983	39.969	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	576691	39.911	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	197666	24.089	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	415913	46.063	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	459869	45.098	ng/ul	95
43) 1,1'-Biphenyl	13.151	154	1559979	40.877	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	1223472	40.726	ng/ul	99
45) 2-Nitroaniline	13.404	65	395812	49.508	ng/ul	95
47) Dimethylphthalate	13.787	163	1672597	43.314	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	353676	49.400	ng/ul	99
50) Acenaphthylene	14.040	152	2028791	40.853	ng/ul	99
51) 3-Nitroaniline	14.240	138	393124	51.732	ng/ul	96
52) Acenaphthene	14.387	153	1358199	41.041	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	166978	50.778	ng/ul	97
55) 4-Nitrophenol	14.545	109	77411	13.665	ng/ul	96
56) Dibenzofuran	14.722	168	1951708	42.426	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	528337	50.546	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	413799	48.862	ng/ul	98
59) Diethylphthalate	15.157	149	1721499	43.883	ng/ul	99
61) Fluorene	15.375	166	1550441	42.402	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	739238	41.207	ng/ul	97
63) 4-Nitroaniline	15.404	138	431300	58.380	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	292316	49.634	ng/ul	95
67) N-Nitrosodiphenylamine	15.587	169	1353605	40.026	ng/ul	98
68) 4-Bromophenyl-phenylether	16.263	248	503231	42.677	ng/ul	93
69) Hexachlorobenzene	16.369	284	575516	41.449	ng/ul	95
70) Atrazine	16.545	200	526732	44.937	ng/ul	100
71) Pentachlorophenol	16.716	266	377924	46.163	ng/ul	99
72) Phenanthrene	17.116	178	2739733	42.943	ng/ul	98
74) Anthracene	17.204	178	2715063	42.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	594097	38.942	ng/uL	99
76) Pentachlorobenzene	14.634	250	630959	40.718	ng/uL	96
77) Carbazole	17.481	167	2691104	47.579	ng/ul	99
78) Di-n-butylphthalate	18.045	149	3273169	47.437	ng/ul	100
80) Fluoranthene	19.133	202	3366942	41.499	ng/ul	98
82) Pyrene	19.504	202	3578667	41.766	ng/ul	98
83) Butylbenzylphthalate	20.410	149	1625889	49.688	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	984139	42.192	ng/ul	99
85) Benzo(a)anthracene	21.292	228	3628489	42.829	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	2249989	46.627	ng/ul	98
87) Chrysene	21.351	228	3515543	43.963	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	4393007	47.039	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	3746789	43.171	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	3816194	43.297	ng/ul	99
93) Benzo(a)pyrene	24.110	252	3194978	38.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	4237075m	47.809	ng/ul	
95) Dibenzo(a,h)anthracene	27.592	278	3364546	45.096	ng/ul	99
96) Benzo(g,h,i)perylene	28.568	276	3100216	44.559	ng/ul	95

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

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