Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022380.D
Acq On : 28 Oct 2022 12:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020352

Quant Time: Oct 29 00:51:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 29 00:50:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	167343	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	773527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	464212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	857560	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	572548	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	509801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	34692	7.857	ng/uL	0.00
4) Pyridine-d5	3.669	84	258154	18.797	ng/ul	0.00
7) Phenol-d5	7.087	99	306389	18.729	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	193902	18.915	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	232900	20.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	241117	18.548	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	121885	21.489	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	130089	22.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	228055	20.898	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	337705	18.929	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	638874	19.743	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	763369	21.125	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	121745	17.626	ng/ul	0.00
60) Fluorene-d10	15.598	176	536362	19.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	96757	19.777	ng/ul	0.00
73) Anthracene-d10	17.457	188	752874	20.202	ng/ul	0.00
81) Pyrene-d10	19.763	212	702704	24.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	490988	19.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	38043	7.906	ng/uL	97
5) Pyridine	3.693	79	262606	19.274	ng/ul	92
6) Benzaldehyde	7.057	77	170891	21.153	ng/ul	99
8) Phenol	7.110	94	322094	18.549	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.352	93	266251	19.274	ng/ul	97
12) 2-Chlorophenol	7.481	128	251868	20.110	ng/ul	98
13) 2-Methylphenol	8.381	108	245300	18.895	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	368550	18.644	ng/ul	100
16) Acetophenone	8.769	105	395989	19.066	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.751	70	211584	19.127	ng/ul	97
18) 4-Methylphenol	8.716	108	270212	18.588	ng/ul	99
19) Hexachloroethane	9.010	117	102898	21.043	ng/ul	98
22) Nitrobenzene	9.151	77	301728	20.146	ng/ul	97
23) Isophorone	9.681	82	596739	20.181	ng/ul	99
25) 2-Nitrophenol	9.869	139	149829	21.838	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	295555	20.431	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	361304	19.540	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	234995	20.649	ng/ul	96
30) Naphthalene	10.804	128	827272	19.964	ng/ul	99
32) 4-Chloroaniline	10.928	127	352953	19.084	ng/ul	99
33) Hexachlorobutadiene	11.087	225	130871	20.957	ng/ul	96
34) Caprolactam	11.710	113	77690	17.569	ng/ul	98
35) 4-Chloro-3-methylphenol	12.051	107	267136	19.470	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	548950	19.183	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	556763	19.429	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	261275	21.697	ng/ul	96
40) Hexachlorocyclopentadiene	12.763	237	172927	25.687	ng/ul	88
41) 2,4,6-Trichlorophenol	13.034	196	175337	21.353	ng/ul	94
42) 2,4,5-Trichlorophenol	13.110	196	192162	21.014	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	695379	20.520	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	553088	20.888	ng/ul	96
45) 2-Nitroaniline	13.692	65	170718	20.812	ng/ul	96
47) Dimethylphthalate	14.063	163	682794	19.630	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	138203	21.212	ng/ul	92
50) Acenaphthylene	14.328	152	854154	20.698	ng/ul	99
51) 3-Nitroaniline	14.522	138	147649	19.193	ng/ul	100
52) Acenaphthene	14.669	153	580460	19.835	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	90156	20.427	ng/ul	97
55) 4-Nitrophenol	14.828	109	95926	17.129	ng/ul	98
56) Dibenzofuran	15.004	168	778245	19.489	ng/ul	100
57) 2,4-Dinitrotoluene	14.981	165	189066	19.808	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.233	232	145978	19.182	ng/ul	97
59) Diethylphthalate	15.428	149	693681	19.634	ng/ul	99
61) Fluorene	15.657	166	629863	19.620	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.645	204	295633	19.654	ng/ul	97
63) 4-Nitroaniline	15.686	138	139625	19.452	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.739	198	102503	19.516	ng/ul	97
67) N-Nitrosodiphenylamine	15.863	169	535988	21.612	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	175732	23.197	ng/ul	94
69) Hexachlorobenzene	16.657	284	201871	21.891	ng/ul	96
70) Atrazine	16.822	200	173949	20.828	ng/ul	98
71) Pentachlorophenol	17.010	266	110026	19.295	ng/ul	96
72) Phenanthrene	17.404	178	924141	19.977	ng/ul	98
74) Anthracene	17.492	178	935374	20.357	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.398	216	258840	23.997	ng/uL	97
76) Pentachlorobenzene	14.922	250	265317	22.917	ng/uL	93
77) Carbazole	17.769	167	836879	19.691	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1105111	20.981	ng/ul	99
80) Fluoranthene	19.427	202	919897	25.708	ng/ul	98
82) Pyrene	19.792	202	926150	24.740	ng/ul	99
83) Butylbenzylphthalate	20.692	149	414447	25.518	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	230235	18.594	ng/ul	95
85) Benzo(a)anthracene	21.545	228	735687	20.109	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.468	149	575619	24.504	ng/ul	98
87) Chrysene	21.598	228	670744	19.078	ng/ul	98
89) Di-n-octyl phthalate	22.410	149	888515	24.599	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	654626	20.359	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	648641	20.419	ng/ul	97
93) Benzo(a)pyrene	23.909	252	574766	20.001	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	682163	18.992	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	603094	18.767	ng/ul	96
96) Benzo(g,h,i)perylene	27.386	276	603371	18.672	ng/ul	98

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

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