Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019634.D
Acq On : 09 Feb 2024 16:11
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 09 16:42:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	107886	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	399488	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	245668	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	503803	20.000	ng		0.00
76) Chrysene-d12	21.392	240	483860	20.000	ng		0.00
86) Perylene-d12	23.810	264	577018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	524786	78.408	ng		0.00
7) Phenol-d6	7.081	99	717956	79.555	ng		0.00
23) Nitrobenzene-d5	9.081	82	741116	80.387	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	319351	89.032	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1624113	81.727	ng		0.00
79) Terphenyl-d14	19.869	244	2470156	83.956	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	93842	36.392	ng		98
3) Pyridine	3.781	79	259841	37.167	ng		98
4) n-Nitrosodimethylamine	3.705	42	116067	38.133	ng		98
6) Aniline	7.246	93	344409	39.276	ng		96
8) 2-Chlorophenol	7.469	128	278186	40.484	ng		99
9) Benzaldehyde	7.058	77	283645	44.829	ng		97
10) Phenol	7.111	94	353264	39.275	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	277480	39.653	ng		98
12) 1,3-Dichlorobenzene	7.793	146	335410	39.891	ng		98
13) 1,4-Dichlorobenzene	7.946	146	342580	40.216	ng		99
14) 1,2-Dichlorobenzene	8.258	146	327465	39.731	ng		98
15) Benzyl Alcohol	8.158	79	284125	39.403	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	266781m	38.124	ng		
17) 2-Methylphenol	8.357	107	241278	39.844	ng		98
18) Hexachloroethane	8.975	117	131878	39.940	ng		99
19) n-Nitroso-di-n-propyla...	8.728	70	233381	37.860	ng		100
20) 3+4-Methylphenols	8.687	107	330210	39.956	ng		98
22) Acetophenone	8.740	105	456376	40.101	ng	#	99
24) Nitrobenzene	9.122	77	373613	40.249	ng		98
25) Isophorone	9.646	82	630442	39.265	ng		99
26) 2-Nitrophenol	9.828	139	156549	44.231	ng		97
27) 2,4-Dimethylphenol	9.887	122	180513	39.886	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	360568	39.691	ng		99
29) 2,4-Dichlorophenol	10.357	162	285243	41.694	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	347307	41.403	ng		100
31) Naphthalene	10.763	128	883638	40.330	ng		100
32) Benzoic acid	10.046	122	193040	43.778	ng		98
33) 4-Chloroaniline	10.881	127	318046	39.252	ng		98
34) Hexachlorobutadiene	11.028	225	268731	43.232	ng		99
35) Caprolactam	11.681	113	73788	38.099	ng		98
36) 4-Chloro-3-methylphenol	11.998	107	293090	39.290	ng		98
37) 2-Methylnaphthalene	12.369	142	604267	39.852	ng		100
38) 1-Methylnaphthalene	12.587	142	586849	39.384	ng		100
40) 1,2,4,5-Tetrachloroben...	12.734	216	398011	42.008	ng		99
41) Hexachlorocyclopentadiene	12.698	237	209139	48.863	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	242632	42.292	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	264723	42.021	ng	99
46) 1,1'-Biphenyl	13.381	154	784796	40.025	ng	99
47) 2-Chloronaphthalene	13.422	162	649456	40.350	ng	99
48) 2-Nitroaniline	13.634	65	181667	40.365	ng	97
49) Acenaphthylene	14.269	152	898140	39.773	ng	100
50) Dimethylphthalate	14.016	163	746644	39.701	ng	99
51) 2,6-Dinitrotoluene	14.134	165	171530	41.513	ng	98
52) Acenaphthene	14.610	154	555469	39.633	ng	99
53) 3-Nitroaniline	14.463	138	153317	40.376	ng	100
54) 2,4-Dinitrophenol	14.669	184	94588	44.090	ng	98
55) Dibenzofuran	14.945	168	909367	39.838	ng	99
56) 4-Nitrophenol	14.769	139	127374	40.925	ng	97
57) 2,4-Dinitrotoluene	14.922	165	231404	42.737	ng	98
58) Fluorene	15.592	166	723259	39.781	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	225361	42.530	ng	97
60) Diethylphthalate	15.381	149	741352	39.632	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	415549	40.666	ng	97
62) 4-Nitroaniline	15.628	138	159625	40.104	ng	98
63) Azobenzene	15.887	77	691743	38.241	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	133764	46.564	ng	98
66) n-Nitrosodiphenylamine	15.810	169	599478	39.731	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	256253	40.687	ng	96
68) Hexachlorobenzene	16.592	284	308161	41.899	ng	97
69) Atrazine	16.775	200	203026	40.550	ng	98
70) Pentachlorophenol	16.939	266	208775	45.582	ng	100
71) Phenanthrene	17.345	178	1057765	39.895	ng	99
72) Anthracene	17.433	178	1074199	40.614	ng	99
73) Carbazole	17.710	167	972692	40.483	ng	100
74) Di-n-butylphthalate	18.269	149	1214962	41.820	ng	100
75) Fluoranthene	19.310	202	1340917	41.400	ng	99
77) Benzidine	19.498	184	388763	38.431	ng	99
78) Pyrene	19.663	202	1380290	40.420	ng	99
80) Butylbenzylphthalate	20.551	149	542357	42.529	ng	98
81) Benzo(a)anthracene	21.374	228	1372245	40.289	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	522801	42.122	ng	98
83) Chrysene	21.427	228	1308049	40.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	786404	40.496	ng	100
85) Di-n-octyl phthalate	22.263	149	1364345	39.932	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1775268	40.193	ng	99
88) Benzo(b)fluoranthene	23.074	252	1469342	40.403	ng	100
89) Benzo(k)fluoranthene	23.127	252	1405322	40.454	ng	99
90) Benzo(a)pyrene	23.704	252	1321632	40.844	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1474625	40.593	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1473424	39.980	ng	98

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

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