Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019758.D
Acq On : 19 Feb 2024 12:13
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 19 12:42:23 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	7.899	152	69503	20.000	ng		-0.02
21) Naphthalene-d8	10.698	136	268658	20.000	ng		-0.02
39) Acenaphthene-d10	14.539	164	190738	20.000	ng		-0.01
64) Phenanthrene-d10	17.292	188	448491	20.000	ng		-0.01
76) Chrysene-d12	21.392	240	433436	20.000	ng		0.00
86) Perylene-d12	23.810	264	488465	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	322654	74.830	ng		-0.01
7) Phenol-d6	7.069	99	440111	75.700	ng		-0.02
23) Nitrobenzene-d5	9.069	82	466071	75.172	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	280575	100.748	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1147861	74.396	ng		-0.02
79) Terphenyl-d14	19.863	244	2230649	84.635	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	58110	34.980	ng		100
3) Pyridine	3.781	79	161735	35.910	ng		99
4) n-Nitrosodimethylamine	3.705	42	72124	36.782	ng		98
6) Aniline	7.234	93	213938	37.870	ng		99
8) 2-Chlorophenol	7.463	128	168376	38.036	ng		97
9) Benzaldehyde	7.052	77	175395	43.029	ng		97
10) Phenol	7.099	94	214898	37.086	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	167359	37.124	ng		98
12) 1,3-Dichlorobenzene	7.787	146	205576	37.952	ng		98
13) 1,4-Dichlorobenzene	7.934	146	207421	37.796	ng		99
14) 1,2-Dichlorobenzene	8.252	146	202809	38.195	ng		97
15) Benzyl Alcohol	8.152	79	176066	37.902	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	159416m	35.362	ng		
17) 2-Methylphenol	8.346	107	148749	38.130	ng		98
18) Hexachloroethane	8.969	117	77524	36.445	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	150398	37.873	ng		99
20) 3+4-Methylphenols	8.681	107	207251	38.927	ng		95
22) Acetophenone	8.734	105	284006	37.107	ng	#	97
24) Nitrobenzene	9.116	77	229427	36.752	ng		99
25) Isophorone	9.640	82	421990	39.081	ng		99
26) 2-Nitrophenol	9.822	139	101298	42.558	ng		97
27) 2,4-Dimethylphenol	9.881	122	117617	38.644	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	230852	37.787	ng		99
29) 2,4-Dichlorophenol	10.351	162	186269	40.486	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	223032	39.536	ng		98
31) Naphthalene	10.751	128	559210	37.952	ng		99
32) Benzoic acid	10.028	122	136870	46.156	ng		94
33) 4-Chloroaniline	10.875	127	214865	39.431	ng		98
34) Hexachlorobutadiene	11.022	225	168490	40.305	ng		98
35) Caprolactam	11.681	113	60547	46.486	ng		95
36) 4-Chloro-3-methylphenol	11.998	107	211853	42.230	ng		99
37) 2-Methylnaphthalene	12.363	142	409418	40.150	ng		98
38) 1-Methylnaphthalene	12.581	142	404231	40.339	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	278493	37.859	ng		98
41) Hexachlorocyclopentadiene	12.693	237	115351	34.712	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	177797	39.916	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	200585	41.010	ng	99
46) 1,1'-Biphenyl	13.375	154	550741	36.177	ng	99
47) 2-Chloronaphthalene	13.416	162	458962	36.727	ng	99
48) 2-Nitroaniline	13.628	65	136603	39.093	ng	99
49) Acenaphthylene	14.263	152	669895	38.209	ng	100
50) Dimethylphthalate	14.010	163	589677	40.385	ng	99
51) 2,6-Dinitrotoluene	14.134	165	136417	42.523	ng	89
52) Acenaphthene	14.604	154	417561	38.374	ng	98
53) 3-Nitroaniline	14.457	138	121431	41.188	ng	93
54) 2,4-Dinitrophenol	14.675	184	78721	47.261	ng	96
55) Dibenzofuran	14.939	168	695269	39.230	ng	98
56) 4-Nitrophenol	14.769	139	97900	40.514	ng	97
57) 2,4-Dinitrotoluene	14.922	165	194753	46.326	ng	97
58) Fluorene	15.592	166	573758	40.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	186332	45.291	ng	95
60) Diethylphthalate	15.375	149	598112	41.182	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	328838	41.448	ng	95
62) 4-Nitroaniline	15.622	138	131814	42.654	ng	96
63) Azobenzene	15.881	77	531979	37.878	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	119043	46.550	ng	95
66) n-Nitrosodiphenylamine	15.804	169	489433	36.438	ng	100
67) 4-Bromophenyl-phenylether	16.486	248	219592	39.166	ng	94
68) Hexachlorobenzene	16.586	284	265652	40.574	ng	95
69) Atrazine	16.769	200	171706	38.524	ng	97
70) Pentachlorophenol	16.939	266	180561	44.284	ng	99
71) Phenanthrene	17.339	178	901992	38.216	ng	99
72) Anthracene	17.428	178	907969	38.563	ng	99
73) Carbazole	17.710	167	844200	39.468	ng	99
74) Di-n-butylphthalate	18.263	149	1040000	40.213	ng	99
75) Fluoranthene	19.304	202	1192770	41.368	ng	99
77) Benzidine	19.498	184	297451	32.825	ng	99
78) Pyrene	19.657	202	1221511	39.932	ng	100
80) Butylbenzylphthalate	20.545	149	458160	40.106	ng	97
81) Benzo(a)anthracene	21.374	228	1175893	38.540	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	427512	38.452	ng	99
83) Chrysene	21.427	228	1107630	38.237	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	646850	37.185	ng	99
85) Di-n-octyl phthalate	22.251	149	1090926	35.644	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1348977	36.078	ng	98
88) Benzo(b)fluoranthene	23.074	252	1215285	39.476	ng	99
89) Benzo(k)fluoranthene	23.121	252	1111423	37.794	ng	99
90) Benzo(a)pyrene	23.704	252	1037899	37.890	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	1120343	36.432	ng	98
92) Benzo(g,h,i)perylene	27.121	276	1118310	35.846	ng	97

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

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