Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019564.D
Acq On : 06 Feb 2024 09:30
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 07 00:58:20 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	69961	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	254210	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	170784	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	413251	20.000	ng		0.00
76) Chrysene-d12	21.392	240	472365	20.000	ng		0.00
86) Perylene-d12	23.810	264	555856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	338370	77.961	ng		0.00
7) Phenol-d6	7.075	99	442659	75.640	ng		-0.01
23) Nitrobenzene-d5	9.081	82	461470	78.660	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	227201	91.115	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1057912	76.577	ng		0.00
79) Terphenyl-d14	19.869	244	2225106	77.467	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	70930	42.417	ng		99
3) Pyridine	3.781	79	165756	36.562	ng		96
4) n-Nitrosodimethylamine	3.705	42	80298	40.682	ng		99
6) Aniline	7.240	93	217953	38.328	ng		98
8) 2-Chlorophenol	7.469	128	168581	37.833	ng		96
9) Benzaldehyde	7.058	77	131163	31.967	ng		99
10) Phenol	7.105	94	223498	38.318	ng		95
11) bis(2-Chloroethyl)ether	7.346	93	172788	38.077	ng		100
12) 1,3-Dichlorobenzene	7.793	146	211319	38.757	ng		97
13) 1,4-Dichlorobenzene	7.946	146	214509	38.832	ng		98
14) 1,2-Dichlorobenzene	8.257	146	206652	38.664	ng		97
15) Benzyl Alcohol	8.157	79	174988	37.423	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	172204	37.949	ng		99
17) 2-Methylphenol	8.352	107	146355	37.270	ng		97
18) Hexachloroethane	8.981	117	81529	38.077	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	147182	36.820	ng		97
20) 3+4-Methylphenols	8.681	107	196742	36.711	ng		98
22) Acetophenone	8.740	105	280693	38.759	ng	#	98
24) Nitrobenzene	9.122	77	233577	39.544	ng		98
25) Isophorone	9.646	82	398314	38.985	ng		99
26) 2-Nitrophenol	9.828	139	86537	38.423	ng		97
27) 2,4-Dimethylphenol	9.887	122	112680	39.126	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	225758	39.053	ng		99
29) 2,4-Dichlorophenol	10.357	162	172777	39.688	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	216127	40.490	ng		99
31) Naphthalene	10.757	128	548233	39.322	ng		99
32) Benzoic acid	10.016	122	112304	40.024	ng		90
33) 4-Chloroaniline	10.881	127	208352	40.409	ng		98
34) Hexachlorobutadiene	11.034	225	162259	41.021	ng		98
35) Caprolactam	11.657	113	53068	43.060	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	195062	41.092	ng		99
37) 2-Methylnaphthalene	12.369	142	391735	40.600	ng		99
38) 1-Methylnaphthalene	12.587	142	382549	40.345	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	251487	38.182	ng		100
41) Hexachlorocyclopentadiene	12.704	237	116762	39.242	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	155751	39.052	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	173664	39.654	ng	98
46) 1,1'-Biphenyl	13.381	154	517420	37.960	ng	99
47) 2-Chloronaphthalene	13.422	162	430089	38.437	ng	99
48) 2-Nitroaniline	13.634	65	127132	40.633	ng	97
49) Acenaphthylene	14.263	152	624994	39.813	ng	100
50) Dimethylphthalate	14.016	163	546814	41.824	ng	99
51) 2,6-Dinitrotoluene	14.134	165	119657	41.657	ng	98
52) Acenaphthene	14.604	154	386816	39.701	ng	99
53) 3-Nitroaniline	14.457	138	114420	43.344	ng	93
54) 2,4-Dinitrophenol	14.663	184	65776	44.103	ng	98
55) Dibenzofuran	14.945	168	649087	40.904	ng	99
56) 4-Nitrophenol	14.763	139	96166	44.446	ng	96
57) 2,4-Dinitrotoluene	14.916	165	169405	45.005	ng	98
58) Fluorene	15.592	166	533009	42.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	158273	42.966	ng	98
60) Diethylphthalate	15.381	149	569305	43.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	300008	42.232	ng	97
62) 4-Nitroaniline	15.622	138	128517	46.446	ng	96
63) Azobenzene	15.886	77	545307	43.364	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	98014	41.595	ng	99
66) n-Nitrosodiphenylamine	15.810	169	461450	37.285	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	197927	38.312	ng	99
68) Hexachlorobenzene	16.586	284	232363	38.516	ng	99
69) Atrazine	16.775	200	170591	41.537	ng	98
70) Pentachlorophenol	16.939	266	157892	42.027	ng	99
71) Phenanthrene	17.339	178	859574	39.524	ng	99
72) Anthracene	17.433	178	866787	39.953	ng	100
73) Carbazole	17.710	167	831921	42.211	ng	100
74) Di-n-butylphthalate	18.275	149	1034922	43.429	ng	100
75) Fluoranthene	19.310	202	1167909	43.960	ng	99
77) Benzidine	19.498	184	452583	45.828	ng	99
78) Pyrene	19.657	202	1237171	37.110	ng	99
80) Butylbenzylphthalate	20.551	149	483614	38.845	ng	98
81) Benzo(a)anthracene	21.374	228	1322516	39.774	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	478028	39.452	ng	100
83) Chrysene	21.427	228	1239523	39.264	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	759032	40.038	ng	99
85) Di-n-octyl phthalate	22.268	149	1301606	39.023	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	1613347	37.918	ng	100
88) Benzo(b)fluoranthene	23.074	252	1422623	40.608	ng	100
89) Benzo(k)fluoranthene	23.121	252	1332726	39.825	ng	99
90) Benzo(a)pyrene	23.704	252	1228616	39.415	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1329407	37.989	ng	98
92) Benzo(g,h,i)perylene	27.109	276	1328871	37.431	ng	99

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

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