Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006283.D
Acq On : 23 Jul 2021 11:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 12:33:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	263197	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1066766	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	617986	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1232006	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1251896	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1309449	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1342601	81.881	ng		-0.01
7) Phenol-d6	6.969	99	1862436	82.074	ng		0.00
23) Nitrobenzene-d5	8.952	82	1675561	83.113	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	464570	82.504	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	3226915	78.539	ng		0.00
79) Terphenyl-d14	19.757	244	4853994	78.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	285979	41.056	ng		92
3) Pyridine	3.728	79	825459	41.442	ng		95
4) n-Nitrosodimethylamine	3.640	42	305387	44.824	ng		83
6) Aniline	7.128	93	1013227	41.075	ng		95
8) 2-Chlorophenol	7.358	128	730500	40.801	ng		92
9) Benzaldehyde	6.946	77	534205	40.808	ng		94
10) Phenol	6.993	94	925829	41.018	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	707865	40.835	ng		91
12) 1,3-Dichlorobenzene	7.681	146	771838	40.425	ng		97
13) 1,4-Dichlorobenzene	7.828	146	780493	40.253	ng		97
14) 1,2-Dichlorobenzene	8.140	146	745728	40.185	ng		96
15) Benzyl Alcohol	8.040	79	679856	41.654	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	787391	41.847	ng		93
17) 2-Methylphenol	8.240	107	594637	40.810	ng		99
18) Hexachloroethane	8.864	117	292284	41.453	ng	#	89
19) n-Nitroso-di-n-propyla...	8.611	70	588691	42.085	ng		95
20) 3+4-Methylphenols	8.564	107	810996	41.170	ng		95
22) Acetophenone	8.616	105	1068632	40.514	ng	#	98
24) Nitrobenzene	8.993	77	865759	41.135	ng		93
25) Isophorone	9.522	82	1520761	41.089	ng		96
26) 2-Nitrophenol	9.699	139	324392	40.275	ng		95
27) 2,4-Dimethylphenol	9.763	122	580488	40.058	ng		97
28) bis(2-Chloroethoxy)met...	10.005	93	849855	40.257	ng		99
29) 2,4-Dichlorophenol	10.228	162	595181	40.075	ng		95
30) 1,2,4-Trichlorobenzene	10.446	180	642712	39.247	ng		97
31) Naphthalene	10.634	128	2236311	39.676	ng		99
32) Benzoic acid	9.899	122	388447	37.683	ng		96
33) 4-Chloroaniline	10.746	127	904170	40.112	ng		96
34) Hexachlorobutadiene	10.916	225	377710	39.317	ng		97
35) Caprolactam	11.546	113	198559	42.242	ng	#	76
36) 4-Chloro-3-methylphenol	11.869	107	732058	41.415	ng		91
37) 2-Methylnaphthalene	12.246	142	1531263	39.563	ng		99
38) 1-Methylnaphthalene	12.463	142	1449318	39.724	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	650433	39.041	ng	#	97
41) Hexachlorocyclopentadiene	12.593	237	367626	40.739	ng		96
43) 2,4,6-Trichlorophenol	12.857	196	440369	40.035	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	485524	40.257	ng	#	91
46) 1,1'-Biphenyl	13.263	154	1819332	39.302	ng		98
47) 2-Chloronaphthalene	13.299	162	1400053	39.379	ng		96
48) 2-Nitroaniline	13.504	65	446489	43.611	ng		89
49) Acenaphthylene	14.146	152	2267212	40.260	ng		100
50) Dimethylphthalate	13.899	163	1729543	39.874	ng		99
51) 2,6-Dinitrotoluene	14.010	165	385432	41.053	ng		87
52) Acenaphthene	14.493	154	1370292	39.364	ng		98
53) 3-Nitroaniline	14.334	138	424039	42.061	ng		84
54) 2,4-Dinitrophenol	14.540	184	183534	38.787	ng	#	90
55) Dibenzofuran	14.828	168	2171237	39.830	ng		97
56) 4-Nitrophenol	14.640	139	368955	43.020	ng		87
57) 2,4-Dinitrotoluene	14.793	165	519403	42.323	ng	#	83
58) Fluorene	15.475	166	1742446	40.103	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	402664	40.207	ng	#	76
60) Diethylphthalate	15.263	149	1831570	41.171	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	795361	39.069	ng		91
62) 4-Nitroaniline	15.498	138	454780	43.520	ng		86
63) Azobenzene	15.769	77	2042071	42.999	ng		93
65) 4,6-Dinitro-2-methylph...	15.557	198	271611	39.646	ng		86
66) n-Nitrosodiphenylamine	15.693	169	1509216	39.528	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	428441	39.375	ng	#	91
68) Hexachlorobenzene	16.475	284	529979	38.496	ng	#	87
69) Atrazine	16.657	200	489915	40.643	ng		97
70) Pentachlorophenol	16.822	266	340813	41.262	ng		98
71) Phenanthrene	17.222	178	2716506	39.966	ng		99
72) Anthracene	17.310	178	2642015	40.189	ng		99
73) Carbazole	17.587	167	2691828	40.927	ng		99
74) Di-n-butylphthalate	18.157	149	3118474	41.897	ng		99
75) Fluoranthene	19.198	202	3118671	40.997	ng		94
77) Benzidine	19.381	184	1564468	47.878	ng		99
78) Pyrene	19.545	202	3249613	39.462	ng		99
80) Butylbenzylphthalate	20.439	149	1465938	42.075	ng		88
81) Benzo(a)anthracene	21.263	228	3229659	40.180	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	878637	41.297	ng	#	97
83) Chrysene	21.316	228	3125883	40.206	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2236506	42.601	ng	#	98
85) Di-n-octyl phthalate	22.128	149	3747464	42.917	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.074	276	3772413	40.306	ng	#	88
88) Benzo(b)fluoranthene	22.916	252	3316759	39.403	ng	#	96
89) Benzo(k)fluoranthene	22.969	252	3277757	41.127	ng	#	96
90) Benzo(a)pyrene	23.527	252	3067068	40.673	ng	#	95
91) Dibenzo(a,h)anthracene	26.098	278	3265314	40.381	ng	#	93
92) Benzo(g,h,i)perylene	26.827	276	3151831	40.425	ng	#	90

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

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