Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
Data File : BP003722.D
Acq On : 23 Oct 2020 16:02
Operator : CG/JU
Sample : L4484-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11998MSD

Quant Time: Oct 23 16:58:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	141989	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	509210	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	325698	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	702762	20.00	ng		0.00
76) Chrysene-d12	21.857	240	694357	20.00	ng	#	0.00
86) Perylene-d12	24.433	264	690286	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	776050	91.39	ng		0.00
7) Phenol-d6	7.675	99	1009451	84.14	ng		0.00
23) Nitrobenzene-d5	9.693	82	746517	62.02	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	433297	85.27	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	1494100	59.30	ng		0.00
79) Terphenyl-d14	20.310	244	2183664	55.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	123089	33.93	ng	#	88
3) Pyridine	4.128	79	355260	34.62	ng		94
4) n-Nitrosodimethylamine	4.022	42	151080	34.52	ng	#	69
6) Aniline	7.822	93	249871	18.77	ng	#	88
8) 2-Chlorophenol	8.093	128	331963	39.27	ng		83
9) Benzaldehyde	7.622	77	142376	21.46	ng	#	82
10) Phenol	7.699	94	447975	39.21	ng		83
11) bis(2-Chloroethyl)ether	7.905	93	347083	38.28	ng		94
12) 1,3-Dichlorobenzene	8.422	146	403045	36.97	ng	#	93
13) 1,4-Dichlorobenzene	8.563	146	408291	37.09	ng		96
14) 1,2-Dichlorobenzene	8.899	146	384486	36.86	ng		95
15) Benzyl Alcohol	8.752	79	339125	36.98	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.052	45	320346	35.65	ng		98
17) 2-Methylphenol	8.975	107	290805	38.43	ng	#	91
18) Hexachloroethane	9.652	117	152072	35.84	ng		92
19) n-Nitroso-di-n-propyla...	9.328	70	265650	36.24	ng	#	87
20) 3+4-Methylphenols	9.305	107	390294	38.31	ng		93
22) Acetophenone	9.346	105	532058	35.70	ng	#	89
24) Nitrobenzene	9.734	77	407937	35.20	ng	#	79
25) Isophorone	10.263	82	716686	36.95	ng	#	90
26) 2-Nitrophenol	10.463	139	177698	41.05	ng	#	70
27) 2,4-Dimethylphenol	10.516	122	290469	42.73	ng	#	86
28) bis(2-Chloroethoxy)met...	10.728	93	428509	34.63	ng		97
29) 2,4-Dichlorophenol	11.016	162	329645	36.97	ng		95
30) 1,2,4-Trichlorobenzene	11.234	180	397210	34.76	ng		98
31) Naphthalene	11.422	128	991892	36.14	ng		99
32) Benzoic acid	10.657	122	160144	35.10	ng	#	71
33) 4-Chloroaniline	11.504	127	154704	13.67	ng	#	87
34) Hexachlorobutadiene	11.734	225	281164	32.61	ng		98
35) Caprolactam	12.228	113	95077	36.41	ng	#	64
36) 4-Chloro-3-methylphenol	12.604	107	353727	36.56	ng		83
37) 2-Methylnaphthalene	12.987	142	710750	35.68	ng	#	96
38) 1-Methylnaphthalene	13.204	142	665336	35.34	ng		98
40) 1,2,4,5-Tetrachloroben...	13.363	216	467325	36.23	ng		98
41) Hexachlorocyclopentadiene	13.357	237	595618	79.76	ng		99
43) 2,4,6-Trichlorophenol	13.581	196	282761	36.84	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	294742	36.97	ng		94
46) 1,1'-Biphenyl	13.963	154	916817	36.10	ng		98
47) 2-Chloronaphthalene	14.016	162	732563	34.49	ng		99
48) 2-Nitroaniline	14.187	65	210169	33.51	ng	#	62
49) Acenaphthylene	14.851	152	1090590	35.97	ng		100
50) Dimethylphthalate	14.545	163	1105337	41.30	ng	#	99
51) 2,6-Dinitrotoluene	14.663	165	200489	36.83	ng	#	72
52) Acenaphthene	15.192	154	793241	38.76	ng		82
53) 3-Nitroaniline	14.992	138	96214	18.01	ng	#	66
54) 2,4-Dinitrophenol	15.192	184	208208	68.26	ng	#	1
55) Dibenzofuran	15.516	168	1089642	35.22	ng		100
56) 4-Nitrophenol	15.298	139	306533	76.66	ng	#	47
57) 2,4-Dinitrotoluene	15.445	165	275577	37.42	ng	#	74
58) Fluorene	16.157	166	884271	35.42	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.745	232	280300	36.66	ng		90
60) Diethylphthalate	15.892	149	874429	33.35	ng		98
61) 4-Chlorophenyl-phenyle...	16.134	204	509298	33.74	ng		94
62) 4-Nitroaniline	16.145	138	177248	29.91	ng	#	65
63) Azobenzene	16.422	77	833004	33.80	ng		88
65) 4,6-Dinitro-2-methylph...	16.216	198	154859	41.80	ng		92
66) n-Nitrosodiphenylamine	16.339	169	769671	36.79	ng		98
67) 4-Bromophenyl-phenylether	17.022	248	328397	34.90	ng		95
68) Hexachlorobenzene	17.186	284	373227	34.47	ng		95
69) Atrazine	17.263	200	254148	31.15	ng		96
70) Pentachlorophenol	17.510	266	429785	80.37	ng		98
71) Phenanthrene	17.886	178	1459696	37.38	ng		99
72) Anthracene	17.975	178	1409122	37.36	ng		100
73) Carbazole	18.216	167	1226473	36.55	ng		99
74) Di-n-butylphthalate	18.722	149	1433894	35.01	ng	#	99
75) Fluoranthene	19.798	202	1966176	40.98	ng		99
77) Benzidine	19.933	184	474461	28.52	ng		99
78) Pyrene	20.145	202	1901364	40.88	ng		98
80) Butylbenzylphthalate	20.945	149	613710	36.02	ng	#	81
81) Benzo(a)anthracene	21.839	228	1729308	37.36	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	381531	23.54	ng	#	95
83) Chrysene	21.898	228	1649959	37.59	ng		98
84) Bis(2-ethylhexyl)phtha...	21.704	149	1342619	55.06	ng	#	97
85) Di-n-octyl phthalate	22.663	149	1516093	38.31	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.121	276	2018494	40.74	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	1758553	36.51	ng	#	97
89) Benzo(k)fluoranthene	23.698	252	1706725	37.13	ng	#	96
90) Benzo(a)pyrene	24.321	252	1569797	36.55	ng	#	97
91) Dibenzo(a,h)anthracene	27.121	278	1696967	40.98	ng	#	94
92) Benzo(g,h,i)perylene	27.951	276	1681242	43.80	ng	#	91

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

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