Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
Data File : BP004101.D
Acq On : 25 Nov 2020 17:22
Operator : CG/JU
Sample : L4880-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KENS-B4-112320-0-2MSD

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:13 AM

Quant Time: Nov 25 17:49:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	124730	20.00	ng		0.00
21) Naphthalene-d8	11.098	136	501774	20.00	ng	#	0.00
39) Acenaphthene-d10	14.892	164	326272	20.00	ng		0.00
64) Phenanthrene-d10	17.627	188	702512	20.00	ng	#	0.00
76) Chrysene-d12	21.662	240	685305	20.00	ng		0.00
86) Perylene-d12	24.133	264	765761	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	679702	90.95	ng		0.00
7) Phenol-d6	7.451	99	913252	85.13	ng		0.00
23) Nitrobenzene-d5	9.434	82	567134	55.35	ng		0.00
42) 2,4,6-Tribromophenol	16.380	330	348468	85.39	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1225045	52.49	ng		0.00
79) Terphenyl-d14	20.121	244	1691743	47.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.475	88	113381	35.17	ng	#	62
3) Pyridine	3.916	79	338881	35.84	ng	#	63
4) n-Nitrosodimethylamine	3.816	42	186897	42.93	ng	#	57
6) Aniline	7.569	93	221871	18.21	ng	#	84
8) 2-Chlorophenol	7.839	128	396028	49.91	ng	#	81
9) Benzaldehyde	7.369	77	49579	7.22	ng	#	82
10) Phenol	7.481	94	513825	49.63	ng		83
11) bis(2-Chloroethyl)ether	7.657	93	371053	44.59	ng	#	82
12) 1,3-Dichlorobenzene	8.163	146	421006	43.30	ng	#	95
13) 1,4-Dichlorobenzene	8.298	146	426409	43.50	ng		95
14) 1,2-Dichlorobenzene	8.634	146	412078	44.01	ng		97
15) Benzyl Alcohol	8.504	79	372257	50.10	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.792	45	571111	40.75	ng		82
17) 2-Methylphenol	8.739	107	341335	50.22	ng	#	94
18) Hexachloroethane	9.375	117	155369	44.59	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	299064	46.64	ng	#	76
20) 3+4-Methylphenols	9.069	107	462696	51.00	ng	#	85
22) Acetophenone	9.086	105	581282	43.16	ng	#	83
24) Nitrobenzene	9.475	77	450357	44.23	ng	#	82
25) Isophorone	9.998	82	814483	46.80	ng	#	90
26) 2-Nitrophenol	10.204	139	220384	55.43	ng	#	80
27) 2,4-Dimethylphenol	10.275	122	369331	55.69	ng		94
28) bis(2-Chloroethoxy)met...	10.469	93	497708	41.68	ng		98
29) 2,4-Dichlorophenol	10.763	162	387914	48.54	ng		96
30) 1,2,4-Trichlorobenzene	10.969	180	411304	42.25	ng		100
31) Naphthalene	11.151	128	1172233	43.53	ng		99
32) Benzoic acid	10.469	122	157009	36.19	ng	#	80
33) 4-Chloroaniline	11.239	127	187873	16.42	ng	#	89
34) Hexachlorobutadiene	11.457	225	258907	40.77	ng		98
35) Caprolactam	11.998	113	129376	52.36	ng	#	20
36) 4-Chloro-3-methylphenol	12.386	107	425178	49.29	ng		88
37) 2-Methylnaphthalene	12.733	142	854152	44.33	ng		98
38) 1-Methylnaphthalene	12.951	142	798654	43.45	ng		97
40) 1,2,4,5-Tetrachloroben...	13.116	216	468240	43.36	ng		98
41) Hexachlorocyclopentadiene	13.104	237	373865	68.63	ng		100
43) 2,4,6-Trichlorophenol	13.351	196	310422	46.50	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	333721	47.48	ng		97
46) 1,1'-Biphenyl	13.722	154	1091047	43.08	ng		98
47) 2-Chloronaphthalene	13.774	162	861142	41.44	ng		99
48) 2-Nitroaniline	13.963	65	287427	46.35	ng	#	63
49) Acenaphthylene	14.616	152	1341002	43.94	ng		100
50) Dimethylphthalate	14.322	163	1316184	51.61	ng		100
51) 2,6-Dinitrotoluene	14.445	165	248436	47.48	ng	#	76
52) Acenaphthene	14.957	154	953460m	46.91	ng		
53) 3-Nitroaniline	14.774	138	124700	21.53	ng	#	74
54) 2,4-Dinitrophenol	14.998	184	232785	79.52	ng	#	86
55) Dibenzofuran	15.286	168	1316773	43.60	ng		100
56) 4-Nitrophenol	15.127	139	385422	92.32	ng	#	67
57) 2,4-Dinitrotoluene	15.239	165	348155	49.55	ng	#	78
58) Fluorene	15.933	166	1070147	44.25	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.527	232	280002	44.19	ng		96
60) Diethylphthalate	15.674	149	1089839	43.64	ng		98
61) 4-Chlorophenyl-phenyle...	15.910	204	561747	42.50	ng		96
62) 4-Nitroaniline	15.939	138	252842	41.87	ng		87
63) Azobenzene	16.204	77	1023709	43.42	ng		86
65) 4,6-Dinitro-2-methylph...	16.021	198	187492	49.36	ng		86
66) n-Nitrosodiphenylamine	16.121	169	955257	44.42	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	349866	42.56	ng		99
68) Hexachlorobenzene	16.968	284	389314	41.51	ng		97
69) Atrazine	17.057	200	301402	42.69	ng		99
70) Pentachlorophenol	17.304	266	347372	77.43	ng		99
71) Phenanthrene	17.668	178	1702439	43.18	ng		99
72) Anthracene	17.757	178	1758545	46.18	ng		99
73) Carbazole	18.015	167	1609390	45.56	ng		98
74) Di-n-butylphthalate	18.521	149	1892962	46.29	ng	#	99
75) Fluoranthene	19.604	202	2050151	45.07	ng		99
77) Benzidine	19.751	184	759953	47.01	ng		99
78) Pyrene	19.951	202	2079558	44.72	ng		99
80) Butylbenzylphthalate	20.768	149	850611	49.09	ng	#	87
81) Benzo(a)anthracene	21.645	228	1982533	43.87	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	439197	28.17	ng		98
83) Chrysene	21.703	228	1909855	43.98	ng		98
84) Bis(2-ethylhexyl)phtha...	21.515	149	1218531	47.71	ng		100
85) Di-n-octyl phthalate	22.445	149	2153351	50.60	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.709	276	2427243	43.94	ng		98
88) Benzo(b)fluoranthene	23.386	252	2128954	42.48	ng		99
89) Benzo(k)fluoranthene	23.433	252	2011625	40.66	ng		99
90) Benzo(a)pyrene	24.033	252	1919803	41.38	ng		99
91) Dibenzo(a,h)anthracene	26.703	278	2062580	44.79	ng		98
92) Benzo(g,h,i)perylene	27.497	276	2019614	45.31	ng		97

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

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