Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003699.D
Acq On : 22 Oct 2020 16:32
Operator : CG/JU
Sample : L4309-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-04-BMS

Quant Time: Oct 22 17:11:48 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	140596	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	541152	20.00	ng		# 0.00
39) Acenaphthene-d10	15.128	164	368494	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	859412	20.00	ng		0.00
76) Chrysene-d12	21.857	240	890869	20.00	ng		# 0.00
86) Perylene-d12	24.427	264	861735	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	851368	101.26	ng		0.00
7) Phenol-d6	7.675	99	1198280	100.87	ng		0.00
23) Nitrobenzene-d5	9.693	82	875591	68.45	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	517104	89.95	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	1879910	65.95	ng		0.00
79) Terphenyl-d14	20.304	244	3150318	62.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	143064	39.83	ng	#	86
3) Pyridine	4.122	79	407520	40.11	ng	#	91
4) n-Nitrosodimethylamine	4.022	42	196933	45.44	ng	#	67
6) Aniline	7.822	93	359441	27.26	ng	#	86
8) 2-Chlorophenol	8.093	128	452070	54.01	ng		82
9) Benzaldehyde	7.616	77	102027	14.21	ng	#	77
10) Phenol	7.705	94	649943	57.45	ng		82
11) bis(2-Chloroethyl)ether	7.905	93	461076	51.36	ng		92
12) 1,3-Dichlorobenzene	8.422	146	503690	46.66	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	513908	47.14	ng	#	94
14) 1,2-Dichlorobenzene	8.899	146	492513	47.68	ng		95
15) Benzyl Alcohol	8.757	79	488850	53.83	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.052	45	430796	48.42	ng		98
17) 2-Methylphenol	8.975	107	418972	55.91	ng	#	91
18) Hexachloroethane	9.652	117	194654	46.33	ng		95
19) n-Nitroso-di-n-propyla...	9.328	70	377731	52.04	ng	#	87
20) 3+4-Methylphenols	9.305	107	569213	56.43	ng		93
22) Acetophenone	9.346	105	738433	46.63	ng	#	89
24) Nitrobenzene	9.740	77	567066	46.04	ng	#	80
25) Isophorone	10.263	82	1042120	50.55	ng	#	88
26) 2-Nitrophenol	10.463	139	246537	53.60	ng	#	66
27) 2,4-Dimethylphenol	10.522	122	424362	58.75	ng		87
28) bis(2-Chloroethoxy)met...	10.734	93	614242	46.71	ng	#	97
29) 2,4-Dichlorophenol	11.016	162	484748	51.15	ng		95
30) 1,2,4-Trichlorobenzene	11.240	180	532389	43.84	ng		97
31) Naphthalene	11.422	128	1360161	46.63	ng		99
32) Benzoic acid	10.681	122	267954	52.37	ng	#	66
33) 4-Chloroaniline	11.504	127	234539	19.51	ng	#	85
34) Hexachlorobutadiene	11.734	225	375198	40.94	ng		99
35) Caprolactam	12.234	113	153272	55.24	ng	#	61
36) 4-Chloro-3-methylphenol	12.610	107	545188	53.03	ng		84
37) 2-Methylnaphthalene	12.987	142	1018746	48.13	ng	#	95
38) 1-Methylnaphthalene	13.204	142	945932	47.27	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.363	216	676657	46.37	ng		98
41) Hexachlorocyclopentadiene	13.357	237	821210	97.20	ng		99
43) 2,4,6-Trichlorophenol	13.581	196	431347	49.68	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	457543	50.72	ng	#	94
46) 1,1'-Biphenyl	13.963	154	1359644	47.32	ng		98
47) 2-Chloronaphthalene	14.016	162	1074960	44.73	ng		99
48) 2-Nitroaniline	14.187	65	332498	46.86	ng	#	60
49) Acenaphthylene	14.851	152	1636548	47.70	ng		99
50) Dimethylphthalate	14.551	163	1626640	53.72	ng		99
51) 2,6-Dinitrotoluene	14.663	165	309870	50.32	ng	#	68
52) Acenaphthene	15.192	154	1214933	52.47	ng		81
53) 3-Nitroaniline	14.992	138	164794	27.26	ng	#	63
54) 2,4-Dinitrophenol	15.198	184	344144	97.49	ng	#	1
55) Dibenzofuran	15.516	168	1664419	47.55	ng		98
56) 4-Nitrophenol	15.304	139	495195	109.47	ng	#	46
57) 2,4-Dinitrotoluene	15.445	165	432338	51.89	ng	#	68
58) Fluorene	16.157	166	1365243	48.34	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.745	232	432961	50.05	ng		92
60) Diethylphthalate	15.892	149	1392428	46.94	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	792459	46.40	ng		94
62) 4-Nitroaniline	16.151	138	280942	41.90	ng	#	68
63) Azobenzene	16.422	77	1320704	47.37	ng		86
65) 4,6-Dinitro-2-methylph...	16.216	198	255190	56.32	ng		92
66) n-Nitrosodiphenylamine	16.339	169	1204701	47.09	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	519772	45.17	ng		97
68) Hexachlorobenzene	17.186	284	589207	44.50	ng		94
69) Atrazine	17.263	200	366627	36.75	ng		96
70) Pentachlorophenol	17.510	266	701078	107.21	ng		100
71) Phenanthrene	17.886	178	2223116	46.55	ng		99
72) Anthracene	17.975	178	2231055	48.37	ng		100
73) Carbazole	18.216	167	1967515	47.95	ng		99
74) Di-n-butylphthalate	18.716	149	2356576	47.04	ng	#	98
75) Fluoranthene	19.798	202	2860227	48.75	ng		98
77) Benzidine	19.933	184	486618	22.80	ng		99
78) Pyrene	20.145	202	2858987	47.91	ng		99
80) Butylbenzylphthalate	20.945	149	1061581	48.57	ng	#	81
81) Benzo(a)anthracene	21.839	228	2860834	48.17	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	740316	35.59	ng	#	99
83) Chrysene	21.898	228	2708536	48.10	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1539304	49.20	ng	#	98
85) Di-n-octyl phthalate	22.663	149	2654150	52.27	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.121	276	2883401	46.62	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	2962205	49.26	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	2756795	48.04	ng	#	97
90) Benzo(a)pyrene	24.321	252	2521008	47.02	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	2448558	47.36	ng	#	94
92) Benzo(g,h,i)perylene	27.951	276	2297702	47.95	ng	#	92

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

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