Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
Data File : BP003669.D
Acq On : 19 Oct 2020 14:53
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP101920

Quant Time: Oct 19 15:21:34 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	140022	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	483780	20.00	ng	#	0.00
39) Acenaphthene-d10	15.134	164	320808	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	716693	20.00	ng		0.00
76) Chrysene-d12	21.857	240	735660	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	674884	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.017	112	643459	76.84	ng		0.00
7) Phenol-d6	7.675	99	916668	77.48	ng		0.00
23) Nitrobenzene-d5	9.699	82	899618	78.67	ng		0.00
42) 2,4,6-Tribromophenol	16.604	330	401762	80.27	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	1895954	76.40	ng		0.00
79) Terphenyl-d14	20.310	244	3245406	77.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	135783	37.95	ng	#	87
3) Pyridine	4.128	79	387260	38.27	ng		91
4) n-Nitrosodimethylamine	4.023	42	162798	37.72	ng	#	61
6) Aniline	7.822	93	511857	38.98	ng	#	84
8) 2-Chlorophenol	8.093	128	319715	38.35	ng	#	81
9) Benzaldehyde	7.622	77	228429	40.23	ng	#	79
10) Phenol	7.699	94	435868	38.69	ng		78
11) bis(2-Chloroethyl)ether	7.911	93	344025	38.48	ng		91
12) 1,3-Dichlorobenzene	8.422	146	408691	38.02	ng	#	89
13) 1,4-Dichlorobenzene	8.563	146	410793	37.84	ng	#	94
14) 1,2-Dichlorobenzene	8.899	146	389067	37.82	ng	#	94
15) Benzyl Alcohol	8.758	79	351688	38.89	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.058	45	337817	38.13	ng		99
17) 2-Methylphenol	8.975	107	290066	38.87	ng	#	88
18) Hexachloroethane	9.652	117	159273	38.06	ng		95
19) n-Nitroso-di-n-propyla...	9.328	70	282226	39.04	ng	#	86
20) 3+4-Methylphenols	9.305	107	391804	39.00	ng		91
22) Acetophenone	9.352	105	546483	38.60	ng	#	88
24) Nitrobenzene	9.740	77	432718	39.30	ng	#	78
25) Isophorone	10.263	82	731442	39.69	ng	#	87
26) 2-Nitrophenol	10.463	139	170846	41.55	ng	#	62
27) 2,4-Dimethylphenol	10.522	122	253391	39.24	ng	#	83
28) bis(2-Chloroethoxy)met...	10.734	93	457374	38.91	ng	#	96
29) 2,4-Dichlorophenol	11.016	162	332812	39.29	ng		95
30) 1,2,4-Trichlorobenzene	11.240	180	419575	38.64	ng		99
31) Naphthalene	11.428	128	995632	38.18	ng		99
32) Benzoic acid	10.669	122	173824	39.39	ng	#	62
33) 4-Chloroaniline	11.505	127	422055	39.27	ng	#	84
34) Hexachlorobutadiene	11.734	225	313416	38.26	ng		100
35) Caprolactam	12.240	113	101657	40.98	ng	#	65
36) 4-Chloro-3-methylphenol	12.610	107	367375	39.97	ng	#	83
37) 2-Methylnaphthalene	12.993	142	732896	38.73	ng	#	95
38) 1-Methylnaphthalene	13.210	142	686537	38.38	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.363	216	484025	38.10	ng		99
41) Hexachlorocyclopentadiene	13.357	237	289140	39.31	ng		98
43) 2,4,6-Trichlorophenol	13.587	196	299574	39.63	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	314258	40.01	ng	#	94
46) 1,1'-Biphenyl	13.969	154	951961	38.05	ng		98
47) 2-Chloronaphthalene	14.016	162	796072	38.05	ng		97
48) 2-Nitroaniline	14.193	65	253815	41.08	ng	#	57
49) Acenaphthylene	14.851	152	1161328	38.88	ng		99
50) Dimethylphthalate	14.551	163	1019064	38.66	ng		99
51) 2,6-Dinitrotoluene	14.669	165	214542	40.01	ng	#	64
52) Acenaphthene	15.193	154	785556	38.97	ng		91
53) 3-Nitroaniline	14.998	138	212604	40.40	ng	#	62
54) 2,4-Dinitrophenol	15.198	184	107638	38.12	ng	#	1
55) Dibenzofuran	15.516	168	1164018	38.20	ng		97
56) 4-Nitrophenol	15.298	139	163085	41.41	ng	#	39
57) 2,4-Dinitrotoluene	15.451	165	295144	40.69	ng	#	69
58) Fluorene	16.163	166	939420	38.21	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.745	232	302119	40.11	ng		92
60) Diethylphthalate	15.898	149	1005951	38.95	ng		99
61) 4-Chlorophenyl-phenyle...	16.140	204	568867	38.26	ng		94
62) 4-Nitroaniline	16.151	138	232476	39.82	ng	#	58
63) Azobenzene	16.428	77	942278	38.82	ng		86
65) 4,6-Dinitro-2-methylph...	16.216	198	156813	41.50	ng		87
66) n-Nitrosodiphenylamine	16.345	169	825904	38.71	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	369579	38.51	ng		98
68) Hexachlorobenzene	17.187	284	426316	38.61	ng		97
69) Atrazine	17.263	200	325922	39.17	ng		97
70) Pentachlorophenol	17.510	266	223696	41.02	ng		100
71) Phenanthrene	17.887	178	1524553	38.28	ng		100
72) Anthracene	17.975	178	1489847	38.73	ng		99
73) Carbazole	18.222	167	1320626	38.59	ng		100
74) Di-n-butylphthalate	18.722	149	1665860	39.88	ng	#	97
75) Fluoranthene	19.798	202	1897125	38.77	ng		98
77) Benzidine	19.939	184	690608	39.18	ng		99
78) Pyrene	20.145	202	1919295	38.95	ng		99
80) Butylbenzylphthalate	20.945	149	734257	40.68	ng	#	76
81) Benzo(a)anthracene	21.839	228	1915193	39.05	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	681835	39.70	ng	#	99
83) Chrysene	21.898	228	1787244	38.43	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1042398	40.35	ng		100
85) Di-n-octyl phthalate	22.663	149	1707573	40.72	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.121	276	1811559	37.40	ng	#	91
88) Benzo(b)fluoranthene	23.639	252	1889612	40.13	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1720150	38.27	ng	#	96
90) Benzo(a)pyrene	24.316	252	1649185	39.28	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	1530133	37.79	ng	#	94
92) Benzo(g,h,i)perylene	27.951	276	1374612	36.63	ng	#	91

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

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