Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004069.D
Acq On : 23 Nov 2020 23:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 24 09:01:32 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	8.269	152	152242	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	562752	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	353310	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	746350	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	654077	20.00	ng		0.00
86) Perylene-d12	24.133	264	687574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	694250	76.11	ng		0.00
7) Phenol-d6	7.458	99	985284	75.24	ng		0.00
23) Nitrobenzene-d5	9.434	82	854729	74.39	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	352410	79.75	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1853050	73.32	ng		0.00
79) Terphenyl-d14	20.122	244	2668836	78.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	134011	34.05	ng	#	62
3) Pyridine	3.923	79	406172	35.19	ng	#	61
4) n-Nitrosodimethylamine	3.828	42	193721	36.45	ng	#	55
6) Aniline	7.575	93	549881	36.98	ng	#	85
8) 2-Chlorophenol	7.846	128	370125	38.22	ng	#	81
9) Benzaldehyde	7.375	77	250523	43.65	ng	#	80
10) Phenol	7.481	94	466731	36.94	ng		81
11) bis(2-Chloroethyl)ether	7.658	93	368805	36.31	ng	#	81
12) 1,3-Dichlorobenzene	8.164	146	448364	37.78	ng	#	95
13) 1,4-Dichlorobenzene	8.305	146	453075	37.86	ng		95
14) 1,2-Dichlorobenzene	8.634	146	429201	37.55	ng		97
15) Benzyl Alcohol	8.511	79	341884	37.70	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	583907	34.14	ng		82
17) 2-Methylphenol	8.746	107	312812	37.70	ng	#	94
18) Hexachloroethane	9.375	117	142825	33.59	ng		96
19) n-Nitroso-di-n-propyla...	9.075	70	285807	36.52	ng	#	78
20) 3+4-Methylphenols	9.069	107	419063	37.84	ng	#	87
22) Acetophenone	9.087	105	556602	36.85	ng	#	82
24) Nitrobenzene	9.475	77	433627	37.97	ng	#	82
25) Isophorone	9.999	82	740646	37.95	ng	#	91
26) 2-Nitrophenol	10.199	139	199361	44.71	ng	#	73
27) 2,4-Dimethylphenol	10.275	122	283843	38.16	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	480228	35.86	ng		98
29) 2,4-Dichlorophenol	10.763	162	354874	39.60	ng		95
30) 1,2,4-Trichlorobenzene	10.969	180	418815	38.36	ng		99
31) Naphthalene	11.146	128	1118903	37.05	ng		100
32) Benzoic acid	10.463	122	142945	30.94	ng	#	75
33) 4-Chloroaniline	11.246	127	468567	36.51	ng	#	91
34) Hexachlorobutadiene	11.457	225	275881	38.74	ng		99
35) Caprolactam	11.993	113	111972	40.41	ng	#	17
36) 4-Chloro-3-methylphenol	12.387	107	369122	38.15	ng		90
37) 2-Methylnaphthalene	12.734	142	796788	36.87	ng		98
38) 1-Methylnaphthalene	12.951	142	756843	36.72	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	446498	38.18	ng		99
41) Hexachlorocyclopentadiene	13.104	237	50396	8.54	ng		100
43) 2,4,6-Trichlorophenol	13.351	196	286768	39.67	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.440	196	297584	39.10	ng		96
46)	1,1'-Biphenyl	13.722	154	993561	36.23	ng		98
47)	2-Chloronaphthalene	13.775	162	838748	37.27	ng		99
48)	2-Nitroaniline	13.963	65	286394	42.65	ng	#	61
49)	Acenaphthylene	14.616	152	1231363	37.26	ng		100
50)	Dimethylphthalate	14.322	163	1012048	36.65	ng		99
51)	2,6-Dinitrotoluene	14.440	165	217391	38.36	ng	#	75
52)	Acenaphthene	14.957	154	790144	35.90	ng		99
53)	3-Nitroaniline	14.775	138	253402	40.40	ng	#	76
54)	2,4-Dinitrophenol	14.993	184	35777	18.57	ng	#	80
55)	Dibenzofuran	15.287	168	1201644	36.74	ng		99
56)	4-Nitrophenol	15.128	139	161136	35.64	ng	#	65
57)	2,4-Dinitrotoluene	15.234	165	295834	38.88	ng	#	76
58)	Fluorene	15.934	166	960258	36.67	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.528	232	255140	37.19	ng		94
60)	Diethylphthalate	15.675	149	991465	36.67	ng		98
61)	4-Chlorophenyl-phenyle...	15.904	204	532808	37.23	ng		98
62)	4-Nitroaniline	15.940	138	268528	41.07	ng		87
63)	Azobenzene	16.198	77	901001	35.29	ng		85
65)	4,6-Dinitro-2-methylph...	16.016	198	59639	19.22	ng		86
66)	n-Nitrosodiphenylamine	16.122	169	843201	36.91	ng		97
67)	4-Bromophenyl-phenylether	16.798	248	331297	37.94	ng		98
68)	Hexachlorobenzene	16.969	284	375558	37.69	ng		97
69)	Atrazine	17.051	200	271366	36.18	ng		100
70)	Pentachlorophenol	17.304	266	206076	43.23	ng		98
71)	Phenanthrene	17.669	178	1527738	36.47	ng		98
72)	Anthracene	17.757	178	1500672	37.09	ng		99
73)	Carbazole	18.010	167	1356214	36.13	ng		98
74)	Di-n-butylphthalate	18.522	149	1723328	39.66	ng		99
75)	Fluoranthene	19.604	202	1735676	35.91	ng		99
77)	Benzidine	19.751	184	667283	43.25	ng		100
78)	Pyrene	19.951	202	1792466	40.38	ng		98
80)	Butylbenzylphthalate	20.769	149	744151	44.99	ng	#	87
81)	Benzo(a)anthracene	21.645	228	1637097	37.95	ng		98
82)	3,3'-Dichlorobenzidine	21.557	252	611847	41.12	ng		99
83)	Chrysene	21.698	228	1552069	37.45	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.516	149	1055071	43.28	ng		99
85)	Di-n-octyl phthalate	22.445	149	1782976	43.90	ng	#	88
87)	Indeno(1,2,3-cd)pyrene	26.698	276	1818749	36.67	ng		97
88)	Benzo(b)fluoranthene	23.380	252	1622670	36.06	ng		99
89)	Benzo(k)fluoranthene	23.427	252	1579567	35.55	ng		99
90)	Benzo(a)pyrene	24.027	252	1493090	35.85	ng		98
91)	Dibenzo(a,h)anthracene	26.692	278	1527498	36.94	ng		96
92)	Benzo(g,h,i)perylene	27.486	276	1504662	37.60	ng		97

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

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