Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004056.D
Acq On : 23 Nov 2020 15:40
Operator : CG/JU
Sample : PB133168BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 17:15:07 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

Instrument :
BNA_P
ClientSampleId :
PB133168BS

Manual Integrations APPROVED
mohammad
11/25/2020 12:49:35 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	138279	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	540598	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	334267	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	682818	20.00	ng	#	0.00
76) Chrysene-d12	21.657	240	619410	20.00	ng		0.00
86) Perylene-d12	24.127	264	587888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	902733	108.96	ng		0.00
7) Phenol-d6	7.452	99	1155138	97.12	ng		0.00
23) Nitrobenzene-d5	9.434	82	735142	66.60	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	408500	97.71	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1586396	66.35	ng		0.00
79) Terphenyl-d14	20.122	244	2060773	64.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	104028	29.10	ng	#	61
3) Pyridine	3.917	79	312690	29.83	ng	#	61
4) n-Nitrosodimethylamine	3.823	42	182294	37.77	ng	#	54
6) Aniline	7.569	93	322971	23.92	ng	#	83
8) 2-Chlorophenol	7.840	128	379077	43.09	ng	#	79
9) Benzaldehyde	7.369	77	63512	8.72	ng	#	81
10) Phenol	7.481	94	477235	41.58	ng		82
11) bis(2-Chloroethyl)ether	7.658	93	359704	38.99	ng	#	81
12) 1,3-Dichlorobenzene	8.164	146	407727	37.82	ng	#	94
13) 1,4-Dichlorobenzene	8.299	146	416920	38.36	ng		96
14) 1,2-Dichlorobenzene	8.634	146	394442	38.00	ng		96
15) Benzyl Alcohol	8.505	79	331279	40.21	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	550037	35.40	ng		83
17) 2-Methylphenol	8.740	107	314002	41.67	ng	#	92
18) Hexachloroethane	9.375	117	151810	39.30	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	282564	39.75	ng	#	76
20) 3+4-Methylphenols	9.069	107	420420	41.80	ng	#	82
22) Acetophenone	9.087	105	544403	37.52	ng	#	82
24) Nitrobenzene	9.475	77	428230	39.04	ng	#	82
25) Isophorone	9.999	82	764165	40.76	ng	#	90
26) 2-Nitrophenol	10.199	139	205476	47.97	ng	#	78
27) 2,4-Dimethylphenol	10.275	122	321710	45.03	ng		93
28) bis(2-Chloroethoxy)met...	10.469	93	467862	36.37	ng		97
29) 2,4-Dichlorophenol	10.763	162	356140	41.37	ng		96
30) 1,2,4-Trichlorobenzene	10.969	180	395158	37.67	ng		99
31) Naphthalene	11.146	128	1106483	38.14	ng		100
32) Benzoic acid	10.458	122	110986m	26.60	ng		
33) 4-Chloroaniline	11.240	127	277907	22.54	ng	#	90
34) Hexachlorobutadiene	11.457	225	249811	36.52	ng		99
35) Caprolactam	11.987	113	111077	41.73	ng	#	19
36) 4-Chloro-3-methylphenol	12.387	107	381297	41.03	ng		90
37) 2-Methylnaphthalene	12.734	142	801799	38.62	ng		97
38) 1-Methylnaphthalene	12.951	142	756410	38.20	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	431718	39.02	ng		99
41) Hexachlorocyclopentadiene	13.104	237	382939	68.61	ng		100
43) 2,4,6-Trichlorophenol	13.346	196	269800	39.45	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	287343	39.91	ng	#	95
46) 1,1'-Biphenyl	13.722	154	990801	38.18	ng		98
47) 2-Chloronaphthalene	13.769	162	793391	37.27	ng		98
48) 2-Nitroaniline	13.957	65	259016	40.77	ng	#	59
49) Acenaphthylene	14.610	152	1221637	39.08	ng		99
50) Dimethylphthalate	14.322	163	991470	37.95	ng		99
51) 2,6-Dinitrotoluene	14.440	165	222938	41.58	ng	#	75
52) Acenaphthene	14.951	154	843212m	40.49	ng		
53) 3-Nitroaniline	14.775	138	158693	26.74	ng	#	78
54) 2,4-Dinitrophenol	14.987	184	167378	61.95	ng	#	82
55) Dibenzofuran	15.281	168	1187045	38.36	ng		100
56) 4-Nitrophenol	15.122	139	308790	72.20	ng	#	65
57) 2,4-Dinitrotoluene	15.234	165	306331	42.56	ng	#	78
58) Fluorene	15.928	166	954311	38.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	245656	37.85	ng		96
60) Diethylphthalate	15.675	149	974026	38.07	ng		99
61) 4-Chlorophenyl-phenyle...	15.904	204	511471	37.77	ng		97
62) 4-Nitroaniline	15.934	138	218590	35.33	ng		87
63) Azobenzene	16.198	77	919019	38.05	ng		84
65) 4,6-Dinitro-2-methylph...	16.010	198	149740	41.69	ng	#	78
66) n-Nitrosodiphenylamine	16.122	169	838660	40.12	ng		99
67) 4-Bromophenyl-phenylether	16.798	248	314096	39.31	ng		99
68) Hexachlorobenzene	16.963	284	346425	38.00	ng		96
69) Atrazine	17.051	200	279779	40.77	ng		98
70) Pentachlorophenol	17.304	266	253674	58.17	ng		100
71) Phenanthrene	17.669	178	1464129	38.21	ng		99
72) Anthracene	17.751	178	1510216	40.80	ng		99
73) Carbazole	18.010	167	1351285	39.35	ng		99
74) Di-n-butylphthalate	18.522	149	1649090	41.49	ng	#	99
75) Fluoranthene	19.598	202	1729909	39.12	ng		99
77) Benzidine	19.745	184	468723	32.08	ng		100
78) Pyrene	19.951	202	1744191	41.50	ng		98
80) Butylbenzylphthalate	20.763	149	713604	45.56	ng	#	82
81) Benzo(a)anthracene	21.645	228	1592683	38.99	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	398014	28.25	ng		99
83) Chrysene	21.698	228	1539497	39.23	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1019154	44.14	ng		100
85) Di-n-octyl phthalate	22.445	149	1729684	44.97	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.692	276	1771955	41.78	ng		98
88) Benzo(b)fluoranthene	23.380	252	1626376	42.27	ng		99
89) Benzo(k)fluoranthene	23.427	252	1509617	39.74	ng		99
90) Benzo(a)pyrene	24.022	252	1447411	40.64	ng		99
91) Dibenzo(a,h)anthracene	26.686	278	1510473	42.73	ng		98
92) Benzo(g,h,i)perylene	27.480	276	1457249	42.59	ng		97

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

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