Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021320\
Data File : BP001742.D
Acq On : 13 Feb 2020 17:54
Operator : CG/JU
Sample : SSTD08081
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD08081

Manual Integrations APPROVED
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2/17/2020 3:48:12 PM

Quant Time: Feb 14 12:23:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 11:48:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	281485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1326146	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	885066	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	2008157	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2024970	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2611531	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	168675	25.81	ng/uL	0.00
5) Phenol-d5	6.89	99	1937435	90.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	1083874	87.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1526631	88.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1610150	95.93	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	833890	96.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	785054	96.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1711513	87.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1987960	89.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	5106098	84.98	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	6251067	82.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	1046843	97.69	ng/ul	0.02
58) Fluorene-d10	15.34	176	4471008	81.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	758448	91.71	ng/ul	0.01
71) Anthracene-d10	17.19	188	6853105	77.94	ng/ul	0.00
79) Pyrene-d10	19.43	212	8017307	77.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	10238393	82.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	183415	26.315	ng/uL	95
4) Benzaldehyde	6.85	77	1232624	94.731	ng/ul	99
6) Phenol	6.92	94	2053614	91.176	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.14	93	1565231	86.835	ng/ul	100
10) 2-Chlorophenol	7.28	128	1571402	86.247	ng/ul	99
11) 2-Methylphenol	8.15	108	1609871	95.308	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1981484	90.031	ng/ul	100
14) Acetophenone	8.52	105	2497274	96.669	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	1264223	105.085	ng/ul	97
16) 4-Methylphenol	8.48	108	1762337	96.174	ng/ul	96
17) Hexachloroethane	8.79	117	627795	86.020	ng/ul	97
20) Nitrobenzene	8.89	77	1935770	88.318	ng/ul	97
21) Isophorone	9.43	82	3836442	96.694	ng/ul	99
23) 2-Nitrophenol	9.60	139	897574	93.586	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	1870213	85.556	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.91	93	2302609	84.968	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	1683123	84.262	ng/ul	98
28) Naphthalene	10.53	128	5471591	78.392	ng/ul	98
30) 4-Chloroaniline	10.64	127	2001181	89.611	ng/ul	98
31) Hexachlorobutadiene	10.84	225	1040955	74.276	ng/ul	99
32) Caprolactam	11.40	113	622272m	109.066	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	1800956	96.707	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	4018843	84.187	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	3957249	83.823	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	2158023	73.848	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	1346481	77.745	ng/ul	99
39) 2,4,6-Trichlorophenol	12.76	196	1349586	85.090	ng/ul	99
40) 2,4,5-Trichlorophenol	12.83	196	1507014	86.038	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	5136482	75.118	ng/ul	97
42) 2-Chloronaphthalene	13.21	162	4088440	75.477	ng/ul	99
43) 2-Nitroaniline	13.41	65	1199746	111.472	ng/ul	99
45) Dimethylphthalate	13.81	163	5274940	82.697	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	1178167	106.262	ng/ul	95
48) Acenaphthylene	14.06	152	6480332	79.158	ng/ul	98
49) 3-Nitroaniline	14.24	138	1102559	99.261	ng/ul	99
50) Acenaphthene	14.40	153	4426067	78.284	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	448899	93.881	ng/ul	96
53) 4-Nitrophenol	14.56	109	782596	98.276	ng/ul	97
54) Dibenzofuran	14.75	168	6060740	77.138	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	1712315	106.749	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.97	232	1310525	93.096	ng/ul	99
57) Diethylphthalate	15.19	149	5339486	88.915	ng/ul	99
59) Fluorene	15.39	166	4855838	77.062	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	2485495	74.890	ng/ul	97
61) 4-Nitroaniline	15.42	138	1262699	99.590	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	839191	91.087	ng/ul	99
65) N-Nitrosodiphenylamine	15.60	169	4346080	74.890	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	1724968	77.643	ng/ul	97
67) Hexachlorobenzene	16.40	284	1960580	75.956	ng/ul	98
68) Atrazine	16.57	200	1778829	85.024	ng/ul	99
69) Pentachlorophenol	16.75	266	1126359	86.365	ng/ul	99
70) Phenanthrene	17.13	178	8247902	74.875	ng/ul	95
72) Anthracene	17.23	178	8002113	73.588	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	2335075	68.623	ng/uL	99
74) Pentachlorobenzene	14.67	250	2318372	70.075	ng/uL	99
75) Carbazole	17.49	167	7576789	83.551	ng/ul	95
76) Di-n-butylphthalate	18.07	149	8560916	89.008	ng/ul	96
77) Fluoranthene	19.11	202	9704585	83.677	ng/ul#	94
80) Pyrene	19.46	202	9622564	70.487	ng/ul#	93
81) Butylbenzylphthalate	20.35	149	4361982	103.706	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.10	252	3833253	90.170	ng/ul#	99
83) Benzo(a)anthracene	21.17	228	9919075	73.215	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.12	149	6195905	89.363	ng/ul	94
85) Chrysene	21.22	228	9085543m	66.816	ng/ul	
87) Di-n-octyl phthalate	22.00	149	10471598	82.023	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	12040660	78.286	ng/ul	94
89) Benzo(k)fluoranthene	22.80	252	10722276	69.317	ng/ul	98
91) Benzo(a)pyrene	23.34	252	10915205	76.885	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.72	276	15417485	87.235	ng/ul	96
93) Dibenzo(a,h)anthracene	25.73	278	12155855	81.888	ng/ul	96
94) Benzo(g,h,i)perylene	26.41	276	13514699	90.955	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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