Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121020\
Data File : BP004219.D
Acq On : 10 Dec 2020 14:16
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV82

Manual Integrations APPROVED
mohammad
12/14/2020 2:41:52 PM

Quant Time: Dec 10 15:44:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	414892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1627695	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	961798	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2085608	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	2260814	20.00	ng/ul	0.01
86) Perylene-d12	23.69	264	2405588	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	89442	7.57	ng/uL	0.00
5) Phenol-d5	7.00	99	669955	19.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	416323	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	524587	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	517125	19.94	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	268374	20.13	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	240803	21.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	502391	20.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	543328	18.13	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1470566	20.01	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1853075	19.75	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	248240	19.99	ng/ul	0.01
58) Fluorene-d10	15.48	176	1314293	19.74	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.59	200	185580	18.55	ng/ul	0.01
71) Anthracene-d10	17.35	188	2012001	19.79	ng/ul	0.01
79) Pyrene-d10	19.58	212	2313833	19.65	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.54	264	2489334	19.64	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	89979	7.331	ng/uL	98
4) Benzaldehyde	6.98	77	250174m	13.879	ng/ul	
6) Phenol	7.02	94	699541	19.521	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	576711	19.522	ng/ul	99
10) 2-Chlorophenol	7.40	128	540435	19.790	ng/ul	99
11) 2-Methylphenol	8.28	108	509404	19.707	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	686116	19.430	ng/ul	99
14) Acetophenone	8.66	105	830224	20.248	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.65	70	398031	20.037	ng/ul	98
16) 4-Methylphenol	8.60	108	549592	19.866	ng/ul	96
17) Hexachloroethane	8.92	117	238041	18.980	ng/ul	94
20) Nitrobenzene	9.03	77	642256	19.512	ng/ul	99
21) Isophorone	9.56	82	1142366	20.558	ng/ul	99
23) 2-Nitrophenol	9.75	139	271502	21.595	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	572395	20.175	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	734812	19.416	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	495521	20.200	ng/ul	99
28) Naphthalene	10.69	128	1775614	19.242	ng/ul	99
30) 4-Chloroaniline	10.79	127	525804	18.047	ng/ul	99
31) Hexachlorobutadiene	10.98	225	368552	19.448	ng/ul	100
32) Caprolactam	11.54	113	147783	20.981	ng/ul	87
33) 4-Chloro-3-methylphenol	11.92	107	484320	20.998	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	1206729	19.437	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	1390658	19.291	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	663150	18.931	ng/ul	99
38) Hexachlorocyclopentadiene	12.66	237	386856	19.247	ng/ul	99
39) 2,4,6-Trichlorophenol	12.91	196	359620	21.271	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	395310	20.912	ng/ul	99
41) 1,1'-Biphenyl	13.32	154	1552438	19.247	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	1244544	19.352	ng/ul	99
43) 2-Nitroaniline	13.56	65	301308	21.474	ng/ul	98
45) Dimethylphthalate	13.94	163	1480124	19.768	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	299342	21.470	ng/ul	97
48) Acenaphthylene	14.20	152	1834933	19.707	ng/ul	100
49) 3-Nitroaniline	14.38	138	222897	18.060	ng/ul	99
50) Acenaphthene	14.55	153	1279390	19.407	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	110003	18.244	ng/ul	97
53) 4-Nitrophenol	14.69	109	183056	19.977	ng/ul	96
54) Dibenzofuran	14.89	168	1803381	19.415	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	428304	21.646	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	334756	21.711	ng/ul	98
57) Diethylphthalate	15.32	149	1437840	20.460	ng/ul	100
59) Fluorene	15.54	166	1465032	19.720	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	772848	19.621	ng/ul	99
61) 4-Nitroaniline	15.55	138	246147	18.756	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.61	198	209495	19.288	ng/ul	99
65) N-Nitrosodiphenylamine	15.75	169	1229006	19.811	ng/ul	100
66) 4-Bromophenyl-phenylether	16.43	248	474968	19.583	ng/ul	96
67) Hexachlorobenzene	16.55	284	556548	19.140	ng/ul	98
68) Atrazine	16.70	200	430879	20.016	ng/ul	99
69) Pentachlorophenol	16.89	266	253933	18.984	ng/ul	99
70) Phenanthrene	17.29	178	2386916	19.399	ng/ul	99
72) Anthracene	17.37	178	2416032	19.847	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	652967	18.662	ng/uL	99
74) Pentachlorobenzene	14.80	250	637643	18.848	ng/uL	99
75) Carbazole	17.65	167	2056927	20.764	ng/ul	99
76) Di-n-butylphthalate	18.21	149	2290786	21.704	ng/ul	100
77) Fluoranthene	19.26	202	2818362	21.452	ng/ul	99
80) Pyrene	19.61	202	2984744	19.572	ng/ul	99
81) Butylbenzylphthalate	20.49	149	946853	22.495	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	683795	17.473	ng/ul	99
83) Benzo(a)anthracene	21.32	228	2952487	19.812	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1518289	22.274	ng/ul	99
85) Chrysene	21.37	228	2843119	19.447	ng/ul	100
87) Di-n-octyl phthalate	22.17	149	2369089	20.817	ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	2943974	19.298	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	3028868	19.332	ng/ul	99
91) Benzo(a)pyrene	23.59	252	2771670	19.470	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.12	276	3444599	19.294	ng/ul	99
93) Dibenzo(a,h)anthracene	26.13	278	2915565	19.485	ng/ul	99
94) Benzo(g,h,i)perylene	26.85	276	2872491	19.178	ng/ul	98

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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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