Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022321\
Data File : BP004854.D
Acq On : 23 Feb 2021 11:24
Operator : CG/JU
Sample : M1326-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X2Z55

Manual Integrations APPROVED
mohammad
2/24/2021 6:50:02 AM

Quant Time: Feb 24 04:27:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 14:30:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	49392	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	180995	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	109429	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.16	188	226993	20.00	ng/ul	0.00
79) Chrysene-d12	21.25	240	232040	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	227994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	7907	6.23	ng/uL	0.00
4) Pyridine-d5	3.66	84	99888	30.22	ng/ul	0.00
7) Phenol-d5	6.94	99	146280	35.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.09	67	76299	35.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.29	132	123375	37.24	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	117326	36.42	ng/ul	0.00
21) Nitrobenzene-d5	8.91	128	56645	37.95	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	64526	37.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	123473	39.07	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	127253	31.14	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	343272	39.69	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	424777	41.70	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	55430	36.09	ng/ul	0.00
60) Fluorene-d10	15.40	176	289547	39.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	55537	34.09	ng/ul	0.00
73) Anthracene-d10	17.26	188	443532	39.60	ng/ul	0.00
81) Pyrene-d10	19.50	212	498490	40.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	520888	40.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	24169	18.721	ng/uL	96
8) Phenol	6.96	94	270344	62.967	ng/ul	96
12) 2-Chlorophenol	7.32	128	125813	36.153	ng/ul	97
13) 2-Methylphenol	8.20	108	74920	23.092	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.29	45	125955	46.904	ng/ul	96
18) 4-Methylphenol	8.53	108	111964	32.417	ng/ul	95
19) Hexachloroethane	8.83	117	61534	39.613	ng/ul	99
22) Nitrobenzene	8.95	77	81009	21.749	ng/ul	96
25) 2-Nitrophenol	9.66	139	78254	42.278	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.96	93	126560	32.674	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	137669	44.622	ng/ul	94
30) Naphthalene	10.59	128	419739	41.022	ng/ul	100
34) Caprolactam	11.48	113	30840m	32.292	ng/ul	
36) 2-Methylnaphthalene	12.21	142	151238	20.968	ng/ul	98
37) 1-Methylnaphthalene	12.43	142	255716	36.345	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	135519	32.497	ng/ul	95
41) 2,4,6-Trichlorophenol	12.83	196	65745	25.691	ng/ul	99
42) 2,4,5-Trichlorophenol	12.90	196	35811	13.072	ng/ul	95
43) 1,1'-Biphenyl	13.23	154	275543	29.925	ng/ul	98
44) 2-Chloronaphthalene	13.28	162	191174	26.266	ng/ul	96
47) Dimethylphthalate	13.86	163	148071	16.775	ng/ul	99
48) 2,6-Dinitrotoluene	13.98	165	30401	16.509	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.47	153	257527	34.268	ng/ul	99
55) 4-Nitrophenol	14.64	109	53511	34.098	ng/ul	100
59) Diethylphthalate	15.23	149	190268	21.639	ng/ul	98
68) 4-Bromophenyl-phenylether	16.35	248	86352	30.291	ng/ul	98
69) Hexachlorobenzene	16.46	284	71847	23.071	ng/ul	98
74) Anthracene	17.29	178	234298	17.176	ng/ul	99
78) Di-n-butylphthalate	18.13	149	504543	35.068	ng/ul	99
82) Pyrene	19.53	202	467411	29.311	ng/ul	100
83) Butylbenzylphthalate	20.40	149	78799	12.351	ng/ul	98
85) Benzo(a)anthracene	21.23	228	213148	13.731	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.16	149	410050	42.302	ng/ul	98
91) Benzo(k)fluoranthene	22.90	252	465541	30.431	ng/ul	99
93) Benzo(a)pyrene	23.45	252	421944	30.629	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.92	276	460129	26.405	ng/ul#	94
96) Benzo(g,h,i)perylene	26.64	276	469363	32.571	ng/ul	99

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

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