Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012594.D
Acq On : 18 Nov 2020 14:45
Operator : CG/JU
Sample : L4726-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBGE3

Manual Integrations APPROVED
mohammad
11/20/2020 11:29:41 AM

Quant Time: Nov 18 15:26:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 14:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	147098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	601320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	388370	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	827364	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	820989	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	875037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	19124	4.63	ng/uL	0.00
5) Phenol-d5	6.63	99	418533	31.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	256840	32.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	338896	32.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	335946	30.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	157879	32.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	189821	34.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	343375	32.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	252291	24.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1165468	36.74	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1344449	35.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	195889	32.99	ng/ul	0.00
58) Fluorene-d10	15.10	176	939745	33.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	224926	39.85	ng/ul	0.00
71) Anthracene-d10	16.96	188	1497203	35.62	ng/ul	0.00
79) Pyrene-d10	19.27	212	1673832	38.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1758837	36.78	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.66	94	238331	17.412	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	548343	52.357	ng/ul	91
11) 2-Methylphenol	7.90	108	549531	53.728	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	538445	63.299	ng/ul	98
16) 4-Methylphenol	8.22	108	598455	53.550	ng/ul	81
17) Hexachloroethane	8.50	117	169474	36.416	ng/ul	97
21) Isophorone	9.16	82	930459	40.942	ng/ul	98
24) 2,4-Dimethylphenol	9.42	107	498053	39.547	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	642273	45.667	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	154482	15.210	ng/ul	98
28) Naphthalene	10.26	128	755946	21.746	ng/ul	97
31) Hexachlorobutadiene	10.55	225	364960	54.788	ng/ul	95
32) Caprolactam	11.16	113	139135m	43.118	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	445952	37.187	ng/ul	99
38) Hexachlorocyclopentadiene	12.25	237	260714	34.654	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	341439	40.809	ng/ul	89
42) 2-Chloronaphthalene	12.96	162	475895	18.924	ng/ul	100
45) Dimethylphthalate	13.57	163	640834	20.058	ng/ul	98
48) Acenaphthylene	13.82	152	843196	22.238	ng/ul	99
49) 3-Nitroaniline	14.03	138	284740	57.143	ng/ul	99
50) Acenaphthene	14.17	153	900165	32.507	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	213499	53.603	ng/ul	98
54) Dibenzofuran	14.51	168	717686	18.695	ng/ul	96

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59) Fluorene	15.16	166	249346	7.774	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	469946	30.182	ng/ul	99
61) 4-Nitroaniline	15.20	138	429014	67.882	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.26	198	460311	76.848	ng/ul#	91
69) Pentachlorophenol	16.52	266	609647	93.307	ng/ul	90
72) Anthracene	16.99	178	1652151	32.038	ng/ul	99
75) Carbazole	17.27	167	1748642	39.732	ng/ul	98
77) Fluoranthene	18.93	202	1114494	19.050	ng/ul	96
81) Butylbenzylphthalate	20.22	149	669052	28.286	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.01	149	1002294	28.116	ng/ul	97
85) Chrysene	21.11	228	1732636	32.122	ng/ul	97
89) Benzo(k)fluoranthene	22.61	252	2279825	40.542	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2229996	41.751	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.27	276	992710	14.913	ng/ul#	92

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

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