Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004433.D
Acq On : 24 Dec 2020 15:10
Operator : CG/JU
Sample : L5132-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54S6

Quant Time: Dec 24 15:37:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 13:54:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	221779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	810137	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	432392	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	892485	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1003339	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1108168	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	27137	5.09	ng/uL	0.00
5) Phenol-d5	7.00	99	522351	27.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	308245	28.54	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	447979	28.45	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	398144	25.96	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	216230	30.84	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	227631	29.77	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	412411	29.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	393193	24.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1224902	35.39	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1538473	35.79	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	182349	29.16	ng/ul	0.01
58) Fluorene-d10	15.47	176	1061144	35.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	136428	23.69	ng/ul	0.01
71) Anthracene-d10	17.34	188	1702724	38.62	ng/ul	0.01
79) Pyrene-d10	19.58	212	2031917	37.91	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	2537970	41.58	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	81729	14.997	ng/uL	97
4) Benzaldehyde	6.97	77	278682	29.486	ng/ul	98
6) Phenol	7.02	94	809043	41.766	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	481032	31.027	ng/ul	99
17) Hexachloroethane	8.90	117	323886	47.883	ng/ul	98
20) Nitrobenzene	9.03	77	289914	17.955	ng/ul	99
23) 2-Nitrophenol	9.74	139	274356	34.371	ng/ul	99
28) Naphthalene	10.68	128	1723935	37.877	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	1560428	49.702	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	325249	21.119	ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	581801	57.756	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	1390634	39.371	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	1073839	38.099	ng/ul	99
48) Acenaphthylene	14.20	152	1371290	32.658	ng/ul	100
50) Acenaphthene	14.54	153	908874	30.895	ng/ul	98
53) 4-Nitrophenol	14.70	109	107304	24.453	ng/ul	96
54) Dibenzofuran	14.88	168	690405	16.667	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	248680	23.999	ng/ul	100
57) Diethylphthalate	15.30	149	673656	19.750	ng/ul	99
59) Fluorene	15.53	166	1221505	36.391	ng/ul	99
67) Hexachlorobenzene	16.55	284	218576	17.436	ng/ul	93
70) Phenanthrene	17.28	178	1709471	32.983	ng/ul	100
72) Anthracene	17.37	178	2654644	51.145	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	19.26	202	1996720	33.963	ng/ul	99
80) Pyrene	19.61	202	1788036	26.169	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1691444	25.012	ng/ul	99
85) Chrysene	21.37	228	1390792	21.302	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1306241	19.993	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	3185661	44.074	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1640845	23.398	ng/ul	99
91) Benzo(a)pyrene	23.59	252	1643399	24.650	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.12	276	2188683	25.982	ng/ul	97
93) Dibenzo(a,h)anthracene	26.14	278	1234628	17.598	ng/ul	98
94) Benzo(g,h,i)perylene	26.87	276	2959913	41.883	ng/ul	98

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

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