Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017380.D
Acq On : 27 Sep 2023 02:06
Operator : MA/JU
Sample : PB155814BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK814

Quant Time: Sep 27 02:51:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	436	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	2924	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.587	164	2258	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.457	188	1839199	20.000	ng/ul	0.10
79) Chrysene-d12	21.610	240	41	20.000	ng/ul	# 0.15
88) Perylene-d12	24.151	264	356	20.000	ng/ul	# 0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	31944	3009.364	ng/uL	0.00
4) Pyridine-d5	3.728	84	464130	15640.339	ng/ul	0.00
7) Phenol-d5	7.075	99	575375	16068.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	355397	16445.754	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	457526	16109.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	456743	16406.269	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	223118	10554.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	245252	10685.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	440027	10147.167	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	635333	10114.042	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1471989	9100.045	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1550691	8335.273	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	161950	5746.818	ng/ul	0.00
60) Fluorene-d10	15.581	176	1194677	8578.929	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	357	0.034	ng/ul	0.09
73) Anthracene-d10	17.457	188	1839898	22.556	ng/ul	0.00
81) Pyrene-d10	19.698	212	2092478	943760.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	4164	242.936	ng/ul	0.15
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	120	11.039	ng/uL#	29
6) Benzaldehyde	7.075	77	1219	66.707	ng/ul#	10
8) Phenol	7.105	94	141	3.915	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.328	93	55	1.889	ng/ul	90
12) 2-Chlorophenol	7.481	128	95	3.294	ng/ul#	6
14) 2,2'-oxybis(1-Chloropr...	8.446	45	88	2.390	ng/ul#	1
16) Acetophenone	8.775	105	77	1.790	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.752	70	52	2.422	ng/ul#	1
19) Hexachloroethane	8.993	117	77	6.431	ng/ul#	20
22) Nitrobenzene	9.163	77	431	8.035	ng/ul#	40
23) Isophorone	9.669	82	97	1.009	ng/ul#	85
25) 2-Nitrophenol	9.869	139	26	1.045	ng/ul#	1
27) Bis(2-Chloroethoxy)met...	10.146	93	79	1.273	ng/ul	95
30) Naphthalene	10.793	128	180	1.182	ng/ul#	69
32) 4-Chloroaniline	10.934	127	148	2.459	ng/ul#	1
34) Caprolactam	11.746	113	1337	108.226	ng/ul#	1
48) 2,6-Dinitrotoluene	14.081	165	97	3.427	ng/ul	92
51) 3-Nitroaniline	14.551	138	31	1.018	ng/ul#	19
53) 2,4-Dinitrophenol	14.728	184	19	1.073	ng/ul#	1
55) 4-Nitrophenol	14.834	109	110	4.996	ng/ul#	1
57) 2,4-Dinitrotoluene	14.981	165	465	11.154	ng/ul#	54
63) 4-Nitroaniline	15.710	138	825	30.350	ng/ul#	1
80) Fluoranthene	19.498	202	5	1.934	ng/ul#	1
82) Pyrene	19.869	202	32	11.641	ng/ul#	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Butylbenzylphthalate	20.716	149	122	125.175	ng/ul#	52
84) 3,3'-Dichlorobenzidine	21.522	252	138	154.919	ng/ul#	63
85) Benzo(a)anthracene	21.445	228	1035	374.034	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.463	149	217	154.169	ng/ul#	67
87) Chrysene	21.645	228	43	16.512	ng/ul#	70
89) Di-n-octyl phthalate	22.439	149	225	11.490	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	142	6.765	ng/ul#	1
91) Benzo(k)fluoranthene	23.398	252	297	14.025	ng/ul#	1
93) Benzo(a)pyrene	24.068	252	185	9.212	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.809	276	86	3.417	ng/ul#	1
95) Dibenzo(a,h)anthracene	26.845	278	85	4.054	ng/ul#	1
96) Benzo(g,h,i)perylene	27.656	276	36	1.773	ng/ul#	1

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

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