Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017775.D
Acq On : 24 Oct 2023 13:26
Operator : MA/JU
Sample : 04927-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 25 01:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GCD21

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	115898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	442325	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	261602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	544766	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.527	240	453999	20.000	ng/ul	0.01
88) Perylene-d12	24.092	264	458740	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15631	5.017	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.052	99	301466	31.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	196572	33.003	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	244952	31.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	226068	29.849	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	114075	31.827	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	125232	31.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	221671	28.535	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	203762	20.043	ng/ul	0.01
46) Dimethylphthalate-d6	14.010	166	785650	35.775	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	835008	34.095	ng/ul	0.01
54) 4-Nitrophenol-d4	14.845	143	89553	28.619	ng/ul	0.02
60) Fluorene-d10	15.598	176	669587	35.272	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	110431	30.775	ng/ul	0.01
73) Anthracene-d10	17.486	188	1066873	38.323	ng/ul	0.01
81) Pyrene-d10	19.745	212	1247538	43.829	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.921	264	1036918	40.583	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	35181	10.646	ng/uL	96
14) 2,2'-oxybis(1-Chloropr...	8.428	45	221639m	22.697	ng/ul	
22) Nitrobenzene	9.146	77	218922	24.531	ng/ul	97
25) 2-Nitrophenol	9.851	139	127842	30.243	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.151	93	187255	18.971	ng/ul	97
29) 2,4-Dichlorophenol	10.375	162	143761	19.353	ng/ul	96
30) Naphthalene	10.781	128	334845	13.154	ng/ul	99
35) 4-Chloro-3-methylphenol	12.034	107	498286	71.250	ng/ul	94
36) 2-Methylnaphthalene	12.398	142	557367	32.415	ng/ul	98
37) 1-Methylnaphthalene	12.616	142	458490	26.073	ng/ul	97
40) Hexachlorocyclopentadiene	12.692	237	104180	18.733	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.016	196	99220	17.079	ng/ul	93
44) 2-Chloronaphthalene	13.463	162	408771	23.462	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	58815	14.764	ng/ul	94
50) Acenaphthylene	14.322	152	319265	11.638	ng/ul	100
52) Acenaphthene	14.657	153	277219	14.948	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	221353	37.648	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.222	232	206684	38.778	ng/ul#	90
61) Fluorene	15.657	166	318566	14.895	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	268494	23.618	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.763	198	413022	107.463	ng/ul#	97
68) 4-Bromophenyl-phenylether	16.557	248	187352	29.393	ng/ul#	90
69) Hexachlorobenzene	16.639	284	203752	27.844	ng/ul#	88
72) Phenanthrene	17.428	178	576235	18.057	ng/ul	99

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74) Anthracene	17.522	178	385354	11.922	ng/ul	99
80) Fluoranthene	19.416	202	1673425	51.171	ng/ul	96
82) Pyrene	19.774	202	674576	19.470	ng/ul	96
85) Benzo(a)anthracene	21.510	228	572984	16.602	ng/ul	98
87) Chrysene	21.568	228	574176	17.592	ng/ul	99
90) Benzo(b)fluoranthene	23.292	252	1827759	58.543	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	547572	17.305	ng/ul#	98
93) Benzo(a)pyrene	23.974	252	175735	5.996	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	608557	17.421	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.845	278	604105	20.727	ng/ul#	95
96) Benzo(g,h,i)perylene	27.668	276	539987	19.186	ng/ul#	93

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

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