Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016783.D
Acq On : 26 Aug 2023 13:03
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 26 16:15:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:47:30 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020705

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	765661	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	3283354	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	2069790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	4428910	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	2982725	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	2749317	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	143132	7.726	ng/uL	0.00
4) Pyridine-d5	3.823	84	1106555	19.546	ng/ul	0.00
7) Phenol-d5	7.175	99	1312103	19.272	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	820825	18.916	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	1044970	20.414	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	1065204	19.166	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	522621	21.052	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	571484	21.839	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	1037175	21.260	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	1469721	19.645	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	3087322	19.779	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	3623379	20.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	572926	17.758	ng/ul	0.00
60) Fluorene-d10	15.681	176	2625599	19.975	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	474992	18.009	ng/ul	0.00
73) Anthracene-d10	17.557	188	3924915	19.993	ng/ul	0.00
81) Pyrene-d10	19.786	212	4097850	25.015	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2770509	20.118	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	152568	7.562	ng/uL	98
5) Pyridine	3.840	79	1141105	19.568	ng/ul	98
6) Benzaldehyde	7.187	77	819241	22.004	ng/ul	98
8) Phenol	7.205	94	1365980	19.171	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	1100730	19.139	ng/ul	97
12) 2-Chlorophenol	7.587	128	1049561	20.059	ng/ul	98
13) 2-Methylphenol	8.469	108	1026080	19.198	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1570923m	18.725	ng/ul	
16) Acetophenone	8.887	105	1663809	19.306	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	883809	19.460	ng/ul	98
18) 4-Methylphenol	8.810	108	1113166	19.126	ng/ul	98
19) Hexachloroethane	9.105	117	432133	19.849	ng/ul	95
22) Nitrobenzene	9.275	77	1273375	19.994	ng/ul	99
23) Isophorone	9.793	82	2506542	20.264	ng/ul	100
25) 2-Nitrophenol	9.981	139	612763	21.178	ng/ul	99
26) 2,4-Dimethylphenol	10.016	107	1146673	19.718	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.275	93	1506370	19.739	ng/ul	100
29) 2,4-Dichlorophenol	10.499	162	1027673	20.971	ng/ul	99
30) Naphthalene	10.916	128	3399613	19.988	ng/ul	99
32) 4-Chloroaniline	11.052	127	1444528	19.648	ng/ul	100
33) Hexachlorobutadiene	11.146	225	612464	20.290	ng/ul	99
34) Caprolactam	11.875	113	355063m	19.647	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	1127640	20.520	ng/ul	98
36) 2-Methylnaphthalene	12.516	142	2387340	20.335	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.734	142	2398464	20.260	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.863	216	1207187	20.464	ng/ul	99
40)	Hexachlorocyclopentadiene	12.816	237	828729	19.103	ng/ul	98
41)	2,4,6-Trichlorophenol	13.116	196	837456	21.258	ng/ul	100
42)	2,4,5-Trichlorophenol	13.187	196	898458	21.077	ng/ul	99
43)	1,1'-Biphenyl	13.522	154	3093113	20.100	ng/ul	100
44)	2-Chloronaphthalene	13.569	162	2449087	20.160	ng/ul	100
45)	2-Nitroaniline	13.804	65	741703	20.132	ng/ul	94
47)	Dimethylphthalate	14.151	163	3074687	19.450	ng/ul	100
48)	2,6-Dinitrotoluene	14.293	165	645900	20.852	ng/ul	97
50)	Acenaphthylene	14.416	152	4052005	20.063	ng/ul	99
51)	3-Nitroaniline	14.628	138	651404	20.195	ng/ul	97
52)	Acenaphthene	14.751	153	2644287	19.791	ng/ul	99
53)	2,4-Dinitrophenol	14.828	184	401568	17.841	ng/ul	97
55)	4-Nitrophenol	14.916	109	420358	17.252	ng/ul	98
56)	Dibenzofuran	15.087	168	3601215	19.643	ng/ul	98
57)	2,4-Dinitrotoluene	15.075	165	932807	20.459	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.304	232	726244	20.012	ng/ul	97
59)	Diethylphthalate	15.504	149	3114424	19.393	ng/ul	98
61)	Fluorene	15.740	166	2998702	19.555	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.728	204	1495650	19.866	ng/ul	99
63)	4-Nitroaniline	15.798	138	604519	19.696	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.828	198	513004	18.041	ng/ul	95
67)	N-Nitrosodiphenylamine	15.951	169	2502111	20.426	ng/ul	100
68)	4-Bromophenyl-phenylether	16.634	248	887221	20.894	ng/ul	98
69)	Hexachlorobenzene	16.716	284	955328	20.094	ng/ul	97
70)	Atrazine	16.910	200	952301	20.621	ng/ul	99
71)	Pentachlorophenol	17.081	266	609028	17.257	ng/ul	100
72)	Phenanthrene	17.498	178	4584390	19.662	ng/ul	100
74)	Anthracene	17.592	178	4608093	19.546	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.475	216	1285152	21.671	ng/uL	98
76)	Pentachlorobenzene	14.981	250	1112905	21.000	ng/uL	98
77)	Carbazole	17.875	167	4152661	19.558	ng/ul	100
78)	Di-n-butylphthalate	18.381	149	5369793	20.271	ng/ul	100
80)	Fluoranthene	19.463	202	4996403	25.390	ng/ul	98
82)	Pyrene	19.816	202	5001078	24.603	ng/ul	99
83)	Butylbenzylphthalate	20.675	149	2199110	25.085	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.475	252	1189773	18.662	ng/ul	100
85)	Benzo(a)anthracene	21.539	228	4170942	20.301	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	3137458	24.511	ng/ul	100
87)	Chrysene	21.592	228	3770762	20.205	ng/ul	100
89)	Di-n-octyl phthalate	22.392	149	4582550	22.133	ng/ul	100
90)	Benzo(b)fluoranthene	23.321	252	3463808	19.730	ng/ul	99
91)	Benzo(k)fluoranthene	23.380	252	3359658	19.349	ng/ul	99
93)	Benzo(a)pyrene	24.010	252	3180615	20.029	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.868	276	3854121	23.751	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.886	278	3162744	23.466	ng/ul	99
96)	Benzo(g,h,i)perylene	27.721	276	3077184	25.013	ng/ul	100

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

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