Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
Data File : BN030590.D
Acq On : 01 Apr 2024 15:42
Operator : MA/JU
Sample : PB159896BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 01 16:30:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS896

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	194291	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	862022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	562847	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1172669	20.000	ng/ul	0.00
79) Chrysene-d12	21.328	240	1104416	20.000	ng/ul	0.00
88) Perylene-d12	24.269	264	1170441	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	35024	8.452	ng/uL	0.00
4) Pyridine-d5	3.599	84	555980	44.748	ng/ul	0.00
7) Phenol-d5	6.864	99	681841	43.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	404908	41.710	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	538776	45.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	548861	41.667	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	272770	45.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	282313	51.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	553065	46.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	796293	40.388	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1628225	43.328	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1929123	44.649	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	338358	47.072	ng/ul	0.00
60) Fluorene-d10	15.334	176	1436454	43.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	243002	46.947	ng/ul	0.00
73) Anthracene-d10	17.187	188	2238035	44.295	ng/ul	0.00
81) Pyrene-d10	19.486	212	2609407	43.946	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.069	264	2581108	47.859	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	67564	15.220	ng/uL	100
5) Pyridine	3.617	79	502103	40.049	ng/ul	96
6) Benzaldehyde	6.846	77	291356	39.806	ng/ul	98
8) Phenol	6.893	94	663356	40.514	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	530814	39.756	ng/ul	100
12) 2-Chlorophenol	7.264	128	533178	41.686	ng/ul	97
13) 2-Methylphenol	8.134	108	507871	40.253	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	718153	38.198	ng/ul	100
16) Acetophenone	8.516	105	804849	38.699	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.511	70	404495	38.616	ng/ul	98
18) 4-Methylphenol	8.463	108	546663	38.703	ng/ul	97
19) Hexachloroethane	8.769	117	217118	40.489	ng/ul	96
22) Nitrobenzene	8.893	77	607150	41.593	ng/ul	99
23) Isophorone	9.422	82	1180930	40.565	ng/ul	100
25) 2-Nitrophenol	9.599	139	293762	45.692	ng/ul	98
26) 2,4-Dimethylphenol	9.663	107	565317	39.562	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.905	93	722714	39.046	ng/ul	97
29) 2,4-Dichlorophenol	10.128	162	512751	41.946	ng/ul	99
30) Naphthalene	10.534	128	1775219	40.153	ng/ul	100
32) 4-Chloroaniline	10.646	127	684960	36.048	ng/ul	99
33) Hexachlorobutadiene	10.816	225	312462	40.609	ng/ul	96
34) Caprolactam	11.422	113	184962m	40.503	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	566785	41.167	ng/ul	99
36) 2-Methylnaphthalene	12.146	142	1228582	39.791	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1219501	38.908	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	616623	42.451	ng/ul	99
40) Hexachlorocyclopentadiene	12.499	237	327581	39.712	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	413146	45.517	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	445739	43.484	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	1566940	40.844	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	1255820	41.583	ng/ul	98
45) 2-Nitroaniline	13.422	65	360664	44.876	ng/ul	93
47) Dimethylphthalate	13.804	163	1591024	40.986	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	330540	45.926	ng/ul	99
50) Acenaphthylene	14.063	152	2078068	41.626	ng/ul	99
51) 3-Nitroaniline	14.251	138	344439	45.088	ng/ul	99
52) Acenaphthene	14.404	153	1372251	41.248	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	143514	43.414	ng/ul	95
55) 4-Nitrophenol	14.557	109	247363	43.436	ng/ul	97
56) Dibenzofuran	14.740	168	1872946	40.501	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	481417	45.815	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	375259	44.079	ng/ul	98
59) Diethylphthalate	15.175	149	1634958	41.458	ng/ul	99
61) Fluorene	15.393	166	1469611	39.981	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	725474	40.228	ng/ul	99
63) 4-Nitroaniline	15.416	138	391726	52.745	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	252801	45.454	ng/ul	97
67) N-Nitrosodiphenylamine	15.604	169	1325928	41.518	ng/ul	98
68) 4-Bromophenyl-phenylether	16.287	248	468483	42.072	ng/ul	99
69) Hexachlorobenzene	16.387	284	547519	41.756	ng/ul	100
70) Atrazine	16.563	200	362388	32.738	ng/ul	99
71) Pentachlorophenol	16.734	266	353513	45.726	ng/ul	96
72) Phenanthrene	17.128	178	2519005	41.810	ng/ul	100
74) Anthracene	17.222	178	2545125	41.788	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	613248	42.567	ng/uL	98
76) Pentachlorobenzene	14.651	250	576990	39.430	ng/uL#	91
77) Carbazole	17.492	167	2388581	44.719	ng/ul	100
78) Di-n-butylphthalate	18.069	149	2880698	44.210	ng/ul	100
80) Fluoranthene	19.151	202	2960187	41.938	ng/ul	98
82) Pyrene	19.516	202	3104767	41.649	ng/ul	99
83) Butylbenzylphthalate	20.428	149	1333889	46.856	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1068057	52.631	ng/ul	98
85) Benzo(a)anthracene	21.310	228	3102948	42.099	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1917198	45.667	ng/ul	98
87) Chrysene	21.369	228	2936088	42.203	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3452025	46.573	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3023476	43.893	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	3100906	44.328	ng/ul	98
93) Benzo(a)pyrene	24.133	252	2859832	43.951	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.574	276	2950953m	41.953	ng/ul	
95) Dibenzo(a,h)anthracene	27.645	278	2521125	42.576	ng/ul	99
96) Benzo(g,h,i)perylene	28.609	276	2286115	41.400	ng/ul	99

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

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